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URBAN DISTRICT  
OF COLNE VALLEY

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ANNUAL REPORT  
OF THE  
Medical Officer of Health  
For the Year 1950

BY  
ERIC WARD  
M.R.C.S., L.R.C.P., D.P.H.

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SLAITHWAITE :  
A T. GREEN & CO., CARR LANE  
1951



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# Colne Valley Urban District

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## LIST OF COUNCILLORS

for the year 1950.

### Chairman:

N. H. RICHARDSON, Esq., J.P.

### Vice-Chairman:

G. WIMPENNY, Esq.

Mrs. A. ALLOTT	A. JEBSON, Esq.
A. E. BAILEY, Esq.	Mrs. M. E. LOCKWOOD
A. J. BOLTON, Esq.	N. LUMB, Esq.
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G. R. GARSIDE, Esq.	H. E. WOOD, Esq.
C. HOYLE, Esq.	

## PUBLIC HEALTH OFFICERS OF THE COUNCIL

### Medical Officer of Health:

ERIC WARD, M.R.C.S., L.R.C.P., D.P.H.

### Deputy Medical Officer of Health:

W. G. SMEATON, M.B., Ch.B., D.P.H.

(Resigned 24-6-50)

H. C. MILLIGAN, M.B., Ch.B., D.P.H.

(Appointed 22-8-50)

### Chief Sanitary Inspector and Cleansing Superintendent:

A. SCHOFIELD, C.R.S.I., M.S.I.A.

### Assistant Sanitary Inspectors.

D. SUTCLIFFE, M.S.I.A., A.R.S.I.

H. A. LETT, M.S.I.A., A.R.S.I.

(Resigned 11-7-50)

C. B. MARTIN, M.S.I.A.

(Appointed 4-9-50)

W. J. BIRKETT, M.S.I.A.

(Appointed 20-11-50)

### Rodent Operator:

F. TAYLOR.

Divisional Health Office,  
Woodville,  
Scar Lane,  
Golcar,  
Near Huddersfield.  
November, 1951.

To the Chairman and Members of the  
Colne Valley Urban District Council.

Mr. Chairman, Ladies, and Gentlemen,

I have the honour to present to you my 3rd Annual Report on the health of the Colne Valley Urban District and the work of the Public Health Department during 1950. The Report is the 13th in the series since the formation of the enlarged Urban District in 1938, and has been prepared according to the instructions of the Ministry of Health.

Although there is no statutory duty imposed on me to report on the services provided under Part 3 of the Health Service Act, 1946, these being administered by the West Riding County Council as the Local Health Authority, I feel that some reference to them in this Report will be of interest. Particulars are included, therefore, in Part VII of the Report.

The Registrar-General's estimate of the population of the District at mid-1950 is 22,180, a decrease of 50 on the 1949 figure. The Crude Birth Rate of 15.46 per 1,000 population is an increase of 0.30 on that of the previous year, whilst the Adjusted Death Rate of 13.95 is an increase of 0.83.

Apart from an increase in the number of cases of Whooping Cough and a diminution in those of Scarlet Fever, there has been no unusual incidence of infectious or other diseases in the District. Diseases of the Heart and Circulatory System continue to be the principal cause of death, with Cancer taking the second place.

The efficiency of the Department has been considerably increased by the appointment of a third Additional Sanitary Inspector.

Housing remains one of the biggest problems of the District. Progress with the erection of new houses is slow and there are still a large number of houses which are in such a state of sanitary defect and disrepair that the only satisfactory method of dealing with them is by demolition or closure.

I wish to express my thanks to the Chairman and Members of the Council for their help and consideration and record my appreciation of the assistance received from the Clerk and other Officials of the Council, and in particular from the Chief Sanitary Inspector, Mr. A. Schofield.

I am,

Your obedient servant,

ERIC WARD.

Medical Officer of Health.



# SUMMARY OF STATISTICS

## 1. General Statistics

Area in Acres	...	...	...	...	...	16,052
Enumerated Population (Census, 1951)	...	...	...	...	...	22,184
Registrar-General's Estimate of Population (middle of 1949)	...	...	...	...	...	22,230
Registrar-General's Estimate of Population (middle of 1950)	...	...	...	...	...	22,180
Number of Inhabited Houses (March, 1951)	...	...	...	...	...	7,810
Rateable Value (31st March, 1951)	...	...	...	...	...	£133,304
Sum represented by a Penny Rate (March, 1951)	...	...	...	...	...	£554

## 2. Extracts from Vital Statistics

<b>Live Births:</b>				Male	Female	Total
Legitimate	...	...	...	175	155	330
Illegitimate	...	...	...	10	3	13
				<hr/>	<hr/>	<hr/>
Total	...	...	...	185	158	343
				<hr/>	<hr/>	<hr/>

Crude Birth Rate per 1,000 of estimated resident population ... 15.46

Adjusted Birth Rate per 1,000 of estimated resident population 15.92

<b>Still Births:</b>				Male	Female	Total
Legitimate	...	...	...	2	6	8
Illegitimate	...	...	...	1	—	1
				<hr/>	<hr/>	<hr/>
Total	...	...	...	3	6	9
				<hr/>	<hr/>	<hr/>

Rate per 1,000 of total (live and still) births: 25.57.

<b>Deaths:</b> Males 159, Females 181	...	...	...	...	...	340
Crude Death Rate per 1,000 of estimated resident population	...	...	...	...	...	15.33
Adjusted Death Rate per 1,000 of estimated resident population	...	...	...	...	...	13.95
Deaths from Puerperal Causes	...	...	...	...	...	Nil

### Number of Deaths of Infants under 1 year of age:

				Male	Female	Total
Legitimate	...	...	...	4	5	9
Illegitimate	...	...	...	—	—	—
				<hr/>	<hr/>	<hr/>
Total	...	...	...	4	5	9
				<hr/>	<hr/>	<hr/>

### Death Rate of Infants under 1 year of age:

All Infants per 1,000 live births	...	...	...	...	...	26.24
Legitimate Infants per 1,000 legitimate live births	...	...	...	...	...	27.27
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	...	...	Nil

### Death Rate per 1,000 population from:

Pulmonary Tuberculosis	...	...	...	...	...	0.36
All forms of Tuberculosis	...	...	...	...	...	0.36
Respiratory Diseases (excluding Pulmonary Tuberculosis)	...	...	...	...	...	1.22
Cancer	...	...	...	...	...	2.52
Infective and Parasitic Diseases (excluding Tuberculosis but including Syphilis and other V.D.)	...	...	...	...	...	0.14
Deaths from Measles (all ages)	...	...	...	...	...	Nil
Deaths from Diarrhoea (children under 2 years of age)	...	...	...	...	...	Nil
Death Rate from Diarrhoea and Enteritis of children under 2 years of age per 1,000 births	...	...	...	...	...	Nil

## Section I.

# STATISTICS AND SOCIAL CONDITIONS OF THE AREA NATURAL AND SOCIAL CONDITIONS OF THE DISTRICT

The District is varied in character. Industrial communities occupy the Valley whilst small hamlets and scattered farms are found on the uplands which lie on each side and at the head of the valley.

The principal industry of the District is the manufacture of textiles. Quarrying and agriculture also provide employment for a fair number of persons.

## VITAL STATISTICS

### Population.

The Registrar-General's estimate of the population at mid-1950 was 22,180, as compared with 22,230 at mid-1949. This decrease, together with the increase of 3 births over deaths shows that some 53 people have moved to other areas.

### Comparability Factors.

Area comparability factors in respect of Births and Deaths have been supplied by the Registrar-General, and for your district these are 1.03 and 0.91 respectively. These are factors by which the crude birth and death rates should be multiplied in order to make them truly comparable with the rates for other areas.

The need for such adjustment is occasioned by the differences in the constitution of area populations as regards the proportions of their sex and age group components. The fact that your district has a comparability factor of 0.91 for deaths shows that the population contains a higher proportion of elderly people than the average area, which would in all probability result in a high crude death rate, despite the general health conditions of the population being good. The factor of 1.03 for births shows that the proportion of women in the maternal age groups is less than in the average area.

### Births.

After adjustment for inward and outward transferable births, a net total of 343 live births (185 male, 158 female) was registered in the District during the year, an increase of 6 compared with the previous year.

The ADJUSTED BIRTH RATE is 15.92 per 1,000 of the population. The Crude Birth Rate is 15.46, as compared with 15.16 for the previous year, 15.8 for England and Wales, 16.3 for the West Riding Administrative County, and 15.9 for the Aggregate West Riding Urban Districts.

The Illegitimate Live Births numbered 13, or 3.79% of the total live births, the same number as in 1949.

### Stillbirths.

After adjustment for transfers, 9 stillbirths were registered during the year as compared with 13 for the previous year. This figure gives a rate of 25.57 per 1,000 live and stillbirths, and 0.41 per 1,000 of the population as compared with 37.14 and 0.58 respectively for 1949.



## Deaths.

After correction for inward and outward transferable deaths, the net total deaths registered in and assigned to the District was 340 (159 male, 181 female), an increase of 23 compared with the total for the year 1949.

The ADJUSTED DEATH RATE is 13.95 per 1,000 of the population as compared with 13.12 for the previous year.

The following were the principal causes of death in order of frequency:—

(i)	Diseases of the Heart and Circulatory System ...	133
(ii)	Malignant Neoplasms ... ..	56
(iii)	Intra-Cranial Vascular Lesions ... ..	53
(iv)	Respiratory Diseases (excluding Pulmonary Tuberculosis ... ..	27

These 4 causes accounted for 79.12% of the total deaths. Particulars of the various causes of death and of the age and sex distribution are given in the following table:—

Causes of Death	Sex	All Ages	0-	1-	2-	5-	15-	25-	35-	45-	55-	65-	75-
All Causes ... ..	M	159	4	...	...	2	3	3	3	16	31	50	47
	F	181	5	...	1	1	...	6	4	11	19	58	76
1 Tuberculosis, respira-	M	4	...	...	...	...	...	1	...	1	2	...	...
tory ... ..	F	4	...	...	...	...	...	1	1	1	...	1	...
2 Tuberculosis, other ...	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
3 Syphilitic disease ...	M	1	...	...	...	...	...	...	...	...	...	1	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
4 Diphtheria ... ..	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
5 Whooping Cough ...	M	1	1	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
6 Meningococcal infec-	M	...	...	...	...	...	...	...	...	...	...	...	...
tions ... ..	F	1	...	...	...	...	...	1	...	...	...	...	...
7 Acute poliomyelitis ...	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
8 Measles ... ..	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
9 Other infective and	M	...	...	...	...	...	...	...	...	...	...	...	...
parasitic diseases ...	F	...	...	...	...	...	...	...	...	...	...	...	...
10 Malignant neoplasm,	M	7	...	...	...	...	...	...	1	1	...	2	3
stomach ... ..	F	4	...	...	...	...	...	...	...	...	...	3	1
11 Malignant neoplasm,	M	5	...	...	...	...	1	...	...	...	2	2	...
lung, bronchus ...	F	...	...	...	...	...	...	...	...	...	...	...	...
12 Malignant neoplasm,	M	...	...	...	...	...	...	...	...	...	...	...	...
breast ... ..	F	4	...	...	...	...	...	...	...	...	2	1	1
13 Malignant neoplasm,	M	...	...	...	...	...	...	...	...	...	...	...	...
uterus ... ..	F	2	...	...	...	...	...	...	1	...	1	...	...
14 Other inalignant and	M	11	...	...	...	...	...	...	...	1	3	5	2
lymphatic neoplasms ...	F	18	...	...	...	...	...	1	1	2	5	4	5
15 Leukaemia, aleukaemia	M	3	...	...	...	1	...	...	...	1	...	1	...
	F	2	...	...	...	1	...	...	...	1	...	...	...
16 Diabetes ... ..	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	2	...	...	...	...	...	...	...	...	...	1	1
17 Vascular lesions of ner-	M	17	...	...	...	...	1	1	...	...	2	7	6
vous system ... ..	F	36	...	...	...	...	...	...	...	...	4	15	17
18 Coronary disease,	M	32	...	...	...	...	...	...	...	6	10	12	4
angina ... ..	F	10	...	...	...	...	...	...	...	...	2	4	4
19 Hypertension with	M	5	...	...	...	...	...	...	...	...	2	2	1
heart disease ... ..	F	7	...	...	...	...	...	...	...	1	...	4	2
20 Other heart disease ...	M	22	...	...	...	...	...	...	1	...	5	6	10
	F	49	...	...	...	...	...	1	...	2	1	16	29
21 Other circulatory dis-	M	5	...	...	...	...	...	...	...	...	...	...	5
ease ... ..	F	3	...	...	...	...	...	...	...	...	1	...	2
22 Influenza ... ..	M	2	...	...	...	...	...	...	1	...	...	1	...
	F	...	...	...	...	...	...	...	...	...	...	...	...
23 Pneumonia ... ..	M	5	...	...	...	...	...	...	...	1	...	1	3
	F	5	1	...	...	...	...	...	...	...	...	...	3
24 Bronchitis ... ..	M	9	...	...	...	...	...	...	...	1	1	6	1
	F	6	...	...	...	...	...	...	...	...	1	...	5
25 Other diseases of respir-	M	...	...	...	...	...	...	...	...	...	...	...	...
atory system ... ..	F	...	...	...	...	...	...	...	...	...	...	...	...
26 Ulcer of stomach and	M	3	...	...	...	...	...	...	...	...	2	...	...
duodenum ... ..	F	...	...	...	...	...	...	...	...	...	...	...	1
27 Gastritis, enteritis, and	M	1	...	...	...	...	...	...	...	...	...	1	...
diarrhoea ... ..	F	...	...	...	...	...	...	...	...	...	...	...	...
28 Nephritis and nephrosis	M	...	...	...	...	...	...	...	...	...	...	...	...
	F	1	...	...	...	...	...	...	...	...	1	...	...
29 Hyperplasia of prostate	M	1	...	...	...	...	...	...	...	...	...	...	1
	F	...	...	...	...	...	...	...	...	...	...	...	...
30 Pregnancy, childbirth,	M	...	...	...	...	...	...	...	...	...	...	...	...
abortion ... ..	F	...	...	...	...	...	...	...	...	...	...	...	...
31 Congenital malforma-	M	2	1	...	...	...	...	...	...	1	...	...	...
tions ... ..	F	2	2	...	...	...	...	...	...	...	...	...	...
32 Other defined and ill-	M	16	2	...	...	1	...	1	...	1	...	2	...
defined diseases ...	F	19	2	...	...	...	...	1	1	4	...	6	9
33 Motor vehicle accidents	M	2	...	...	...	...	1	...	...	...	...	...	5
	F	1	...	...	1	...	...	...	...	...	1	...	...
34 All other accidents ...	M	1	—	...	...	...	...	...	...	...	...	...	...
	F	5	...	...	...	...	...	...	...	...	...	1	...
35 Suicide ... ..	M	4	...	...	...	...	...	1	...	...	...	3	1
	F	...	...	...	...	...	...	...	...	2	1	...	1
36 Homicide and opera-	M	...	...	...	...	...	...	...	...	...	...	...	...
tions of war ... ..	F	...	...	...	...	...	...	...	...	...	...	...	...

## Maternal Deaths and Mortality.

There were no deaths from Puerperal Sepsis or other maternal causes.

## Infant Mortality.

After correction for transferable deaths, there were 9 deaths (4 male, 5 female) of infants under 1 year of age. Of these deaths 7 of the infants were under 4 weeks of age at the time of death.

The INFANT MORTALITY RATE is 26.24 per 1,000 live births as compared with 23.74 for the previous year.

The death rate amongst legitimate infants per 1,000 legitimate live births is 27.27 as compared with 24.69 for the year 1949.

There were no deaths of illegitimate children under 1 year of age.

## Comparative Statistics.

	Colne Valley Urban District	Aggregate West Riding Urban Districts	West Riding Admin. County	England and Wales (provisional figures)
<b>BIRTH RATE</b> Per 1,000 estimated population ... (crude) do. (adjusted)	15.46 15.92	15.9 16.2	16.3 •	15.8 —
<b>DEATH RATES</b> All per 1,000 estimated .... population ....				
All Causes (Crude) ....	15.33	12.4	11.8	11.6
All Causes (Adjusted) ...	13.95	12.6	*	—
Infective and Parasitic Diseases (excl. T.B.) ....	0.14	0.10	0.10	*
Tuberculosis of Respiratory System ...	0.36	0.26	0.26	0.32
Other forms of Tuberculosis Respiratory Diseases (ex- cluding Tuberculosis of respiratory system) ....	Nil	0.04	0.04	0.04
Cancer ....	1.22	1.26	1.18	*
Heart and Circulatory Diseases....	2.52	1.94	1.83	1.99
	5.95	4.66	4.39	*
<b>INFANT MORTALITY</b> ....	26.24	33	35	30
<b>DIARRHOEA</b> Deaths of infants under 2 years of age per 1,000 live births ....	Nil	*	*	*
<b>MATERNAL MORTALITY</b> Puerperal Sepsis .... Other Causes .... Total ....	Nil Nil Nil	* * 0.95	* * 0.98	* * 0.86

\* Figures not available.

## Section II.

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

#### Staff.

The Medical Officer of Health is a part-time officer of the Council but is engaged whole-time on public health work, being also Medical Officer of Health for the Urban Districts of Denby Dale, Holmfirth, Kirkburton, and Meltham, and Divisional Medical Officer of Division 20 of the West Riding, which is composed of the 5 Urban Districts of which he is Medical Officer of Health.

In addition to the Medical Officer of Health the staff consists of a Chief Sanitary Inspector who is also the Cleansing Superintendent, 3 District Sanitary Inspectors, and a clerical staff of two.

#### Laboratory Facilities.

All the bacteriological laboratory work required by the Health Department and by General Practitioners is carried out at the Wakefield Laboratory of the Public Health Laboratory Service, whilst samples of water for chemical examination are sent to the laboratories of Messrs. Richardson and Jaffe, Public Analysts, Bradford.

#### Ambulance Facilities.

##### (a) Cases of Infectious Diseases.

The ambulance of the Isolation Hospital to which the patient is admitted is used for the removal of the patient.

##### (b) Cases of Sickness and Accident.

An Ambulance Service is operated by the West Riding County Council, the Colne Valley Urban District being in Ambulance Area No. 16. The principal depot for the area is situated at Huddersfield.

#### Professional Nursing in the Home.

**General:** Home Nursing is undertaken by 3 Home Nurses employed by the West Riding County Council and resident at Golcar, Marsden, and Slaithwaite.

**Midwifery:** There are two whole-time midwives employed by the West Riding County Council who are stationed at Golcar and Slaithwaite. A relief nurse/midwife is also resident at Marsden.

Further details of the nursing services provided in the area will be found in Section VII of this report.

#### Treatment Centres, Clinics, and Hospitals.

##### Infant Welfare Centres.

Held weekly on Wednesday afternoon at Golcar and Slaithwaite, and on Thursday afternoon at Linthwaite and Marsden.

##### Ante-Natal Clinics.

Held as follows:—

**Golcar:** 2nd and 4th Monday morning in the month.

**Marsden:** 3rd Monday afternoon in the month.

**Slaithwaite:** 2nd Wednesday morning in the month.



## **School Clinics.**

No special School Clinics are held in the District but school-children are seen at all Infant Welfare Clinic Sessions.

All these clinics are held in the following premises:—

**Linthwaite:** Grove House, Linthwaite.

**Golcar:** Woodville, Scar Lane, Golcar.

**Marsden:** Conservative Club, Marsden.

**Slaithwaite:** Central Hall, New Street, Slaithwaite.

## **Chest Clinic.**

Held daily at 1, Peel Street, Huddersfield, but a prior appointment is necessary.

## **Venereal Diseases Clinics.**

Held at York Place, New North Road, Huddersfield; Clayton Hospital, Wakefield; and the General Infirmary, Dewsbury.

## **Hospitals.**

### **(a) Infectious Diseases:**

Under the National Health Service Act, Colne Valley is placed in the Leeds Regional Hospital Area, and cases of infectious diseases, other than Smallpox, are admitted to the Mill Hill Isolation Hospital, Huddersfield.

Accommodation for cases of Smallpox is provided by the Regional Board at Cottingham Smallpox Hospital, Cottingham, East Yorkshire.

### **(b) General Hospitals:**

Huddersfield Royal Infirmary.

Staincliffe General Hospital, Dewsbury.

St. Mary's Hospital, Deanhouse, Holmfirth.

### **(c) Maternity:**

Arrangements are made for the admission of patients to the Princess Royal Maternity Home, Huddersfield, and various general hospitals.



### Section III.

## SANITARY CIRCUMSTANCES OF THE AREA

### Water Supply.

The Huddersfield Corporation are the Statutory Water Undertakers for the Colne Valley area with the exception of Scammonden, a widely scattered hamlet of approximately 115 houses to the north of the District.

The water mains of the statutory body by no means cover the whole area, and water is supplied to properties from many other sources. In Marsden, water is supplied to 209 houses by firms having works in that area, and by the Council to one of its housing estates comprising 144 houses. The water supply to 144 houses included in the 209 was found to be polluted, and has been chlorinated during the year under review. Arrangements have been completed for these dwelling houses to obtain their supplies from the Huddersfield Corporation and the work of providing the new mains necessary was commenced just before the end of the year.

In Slaithwaite, 913 properties are supplied with water by the Dartmouth Estate. In Linthwaite, a firm of manufacturers supplies water to some 40 houses and during the year arrangements have been made with the Statutory Undertakers to extend their mains so that these can be transferred to the public supply.

In addition to these main private supplies there are in the area innumerable small private supplies serving groups of from 20 houses down to single dwellings. Many of these supplies are unsuitable for domestic purposes. Many are from stone troughs but they are the only water supplies available, and a piped water supply into the houses is not possible until there are some considerable extensions of the Statutory Undertakers' mains.

A total of 25 samples of water were taken during the year for bacteriological examination, including 3 from the Huddersfield Corporation supply and 2 from the Council's private supply to council houses at Marsden. These 5 samples were all reported as satisfactory, as were also 10 from private sources. Of the other samples from private sources, one was reported as suspicious and 9 as satisfactory. Six samples from the Council's private supply were examined for plumbo-solvency, all of which were found to be satisfactory.

In instances where satisfactory negotiations have been completed for the connection to public supply there is considerable delay on the part of the Statutory Water Undertakers in providing the necessary mains, and the high water rate and the cost of the main, which is charged to the owners of properties, is retarding the progress of eliminating these unsatisfactory water supplies.

### Drainage and Sewerage.

There are still large parts of the District which are not sewered, and the conservancy system in these parts is very limited. It is hoped that with the provision of a new trunk sewer, a scheme for which is in the hands of Consulting Engineers, it will be possible to provide branch sewers to cover some of these areas. A small sewage plant for a hotel was in course of erection at the end of the year, two plants have been provided for works, and other small plants were under consideration for private houses. During the year a further suspension of the Court Orders relating to the pollution of the River Colne by effluent from the

Marsden, Slaithwaite, and Crimble Sewage Works was granted, and the Consulting Engineers completed a survey of the valley for the new trunk sewer. During the year 54 inspections of sewers were made and 4 nuisances were remedied.

### Closet Accommodation.

The gradual conversion of privies, tub, and pail closets to water closets continues. During the year under review, 47 privies and 18 pail closets have been abolished, and at the end of the year the work of conversion of many others was in the hands of the contractors. This work is seriously retarded by the lack of sufficient suitable labour, contractors in many cases being 6 to 12 months behind in carrying out work ordered.

The following is a summary of the sanitary accommodation at the end of the year:—

No. of flushed water closets	...	...	...	...	5,642
No. of waste water closets	...	...	...	...	65
No. of privies	...	...	...	...	833
No. of tub or pail closets	...	...	...	...	370
No. of standard dustbins	...	...	...	...	6,794
No. of ashpits	...	...	...	...	363

### Public Cleansing.

The system of alternate weekly collection of refuse and salvage has continued during the year. Weekly emptyings of tub and pail closets have also been carried out, but again the emptying of privy contents has varied in the periods between emptyings owing to the fact that it has been impossible to keep labour for this class of work.

An incentive bonus scheme is now in operation, and as a result of this scheme there has been considerable improvement, but the fact remains that the recruitment of staff for this class of work is becoming more and more difficult.

The following is a summary of the work carried out during the year:—

Average No. of dustbins emptied per week	...	...	3,108
Average No. of privies cleansed per week	...	...	112
Average No. of ashpits emptied per week	...	...	70
Average No. of tub or pail closets emptied per week	...	...	370

### Refuse Disposal.

The disposal of house refuse is by controlled tipping which accounts for 98% of the total dry refuse (including privy contents) disposed of, the remaining 2%, mainly trade refuse of a putrescible character, being burned at the Destructor Plant.

Tub and pail contents, collected by nightsoil tank, are discharged into the detritus chambers at the Slaithwaite and Golcar Sewage Works.

The following figures give the cost of the refuse collection and disposal services for the year ending 31st March, 1951, together with the income for the same period:—

		Expenditure			Income			Nett Expenditure		
		£	s.	d.	£	s.	d.	£	s.	d.
Refuse Collection	...	6829	8	0	447	5	0	6382	3	0
Salvage Collection	...	3195	3	7	2282	18	5	912	5	2
Refuse Disposal	...	1495	3	4	100	16	4	1394	7	0
		<hr/>			<hr/>			<hr/>		
		£11519	14	11	£2830	19	9	£8688	15	2



## **Shops Acts.**

The co-operation of the owners with the department has continued, and shop sanitation is showing considerable improvement. During the year 80 visits were made to shops and one nuisance found which was outstanding at the end of the year.

## **Smoke Abatement.**

During the year 37 half-hourly smoke observations were recorded, and in no instance was the Smoke Abatement Byelaw contravened. The results of these observations should not give rise to any degree of complacency; there is still need for vigorous work in connection with pollution of the atmosphere, and whilst the continuous emission of black smoke from the top of many factory stacks is now the exception rather than the rule there is still a great deal of improvement which can be obtained, and the ready co-operation of the majority of the manufacturers throughout the District is welcomed by the department in its endeavours to reduce industrial smoke. In connection with domestic smoke there does appear to be evidence that the general public are taking some interest in the matter. Smokeless fuel appliances have been installed in a number of instances to replace inefficient grates, and it is felt that perhaps the talks given by the Chief Sanitary Inspector to various bodies are bearing fruit.

## **Regulated Buildings and Offensive Trades.**

There are two offensive trades carried on in the district, one Soap Boiler and one Gut Scraper, and 14 visits have been made to these premises, which on each occasion were found to be satisfactory.

## **Eradication of Bed Bugs.**

Two houses were found to be slightly infested with bed bugs during the year, and treatment with an insecticide resulted in satisfactory clearance.

## **Schools.**

There are in the District 20 schools, 12 being County Schools including 1 Secondary Modern School, and 8 being Voluntary Schools. The buildings generally are kept in a reasonable state of repair, but sanitary accommodation in a number of cases leaves much to be desired. Some improvement has been made at 2 schools, but much remains to be done before the standards of the School Premises Amending Regulations, 1949, are reached at the majority of the schools in the area. Compared with the standards laid down by the same Regulations in respect of wash basins, the numbers provided are very low, and in this connection some sustained effort is necessary to provide the necessary basins. The maxim of washing the hands after visiting sanitary offices is being continually stressed throughout the District, yet in many of the schools, where meals are served, washing facilities are totally inadequate, schools lagging well behind the factories in this important matter.

## Sanitary Inspection of the Area.

### Record of Inspections and Results.

Inspections made in respect to	No. of Inspections	Nuisances or defects found	No. of re- Inspections	Nuisances or defects remedied
<b>Public Health Act:—</b>				
Housing ... ..	253	163	448	174
Other Nuisances ...	114	60	192	72
Water Supply ...	88	7	32	12
Overcrowding ...	152	4	7	4
<b>Sanitary Accommodation:—</b>				
W.C.'s ... ..	184	21	186	14
Privies ... ..	103	19	183	35
Tubs and Pails ...	27	7	382	8
Ashes Accommoda- tion ... ..	76	32	29	49
<b>Drains:—</b>				
Inspected ... ..	417	44	332	30
Tested ... ..	166	4	4	1
Accumulations ...	12	4	3	1
Swine, Fowl, and other Animals ... ..	10	2	5	1
Shop Premises — Shops Act ... ..	74	1	6	—
Rodent Control (Visits by Inspectors) ...	109	—	75	—
<b>Other Visits:—</b>				
Respecting Infectious Diseases ... ..				65
Respecting Disinfections ... ..				48
Respecting Schools, Public Buildings, etc. ...				37
Respecting Sewers, Cesspools, etc. ... ..				56
Miscellaneous Visits ... ..				565
Interviews — Owners, Contractors, etc. ...				582
Informal Notices Served ... ..	232	Complied with		209
Statutory Notices served ... ..	24	Complied with		32

### Factories Act, 1937.

The following is an extract from a report to the Director of Statistics of the Ministry of Labour on Form 572.

#### 1. Inspections for Purposes of Provisions as to Health.

Premises.	No. on Register	Insp't'ns	Written Notices	Owners Prose'ted
(1) Factories in which Sections 1, 2, 3, 4, and 6 are to be enforced by Local Authorities.	46	33		—
(2) Factories not included in (1) in which Section 7 is enforced by the Local Authority.	152	153	5	
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	6	15	—	—
<b>Total</b>	<b>204</b>	<b>201</b>	<b>5</b>	<b>—</b>

## 2. Cases in which Defects were Found.

Particulars	Found	Remed'd	Referred by H.M Inspector	Prose- cutions
Want of cleanliness :	—	—	—	—
Sanitary conveniences				
(a) Insufficient	3	3	—	—
(b) Unsuitable or defective	9	10	—	—
Other offences against the act.	6	3	1	—
<b>Total</b>	<b>18</b>	<b>16</b>	<b>1</b>	<b>—</b>

## 3. Outworkers.

There are in the District 42 outworkers, employed as menders by various textile firms.

### THE PREVENTION OF DAMAGE BY PESTS ACT, 1949

A part-time operator is employed by the Council on the treatment of local authority and private premises. During the year 74 complaints of rodent infestation were received, 645 visits were made by the operator, and 67 premises treated. The estimated number of rats destroyed was 938 and the number of mice destroyed was 124.

Two sewer maintenance treatments were carried out during the year, 222 manholes were pre-baited, there were 54 poison takes, and the estimated number of rats destroyed was 153.

In addition a test bait of the sewers was also carried out, 57 manholes being baited, of which 15 showed evidence of infestation.



Section IV.

HOUSING

Post-war housing difficulties are continuing to increase, and although progress is being made with the erection of new council houses, there remain in the District a large number of houses which are in such a condition of sanitary defect and disrepair that the only satisfactory method of dealing with them would be by demolition or closure, and daily one is confronted with this type of house.

Progress with the erection of new council houses has been regrettably slow and no houses were built by private enterprise during the year.

The presence of other duties has prevented the general resumption of house-to-house inspections as required under the Housing Consolidated Regulations, 1925.

Where families are re-housed from totally unfit houses the Council take action under Section 11 of the Housing Act to prevent re-letting, and during the year, 2 Demolition Orders were made and 4 houses closed on Undertakings.

Particulars required by the Ministry of Health are set out below:—  
Total number of inhabited houses in the Urban District ... 7,810  
Number of new houses erected during the year:—

By private enterprise	...	...	...	...	—
By Local Authority	...	...	...	...	58

The principal work done under the Housing Act, 1936, can be summarised as follows:—

Inspections:—				Primary	Re-visited
Part 1.	Clearance Areas	...	...	4	5
	„ „ Other Visits	...	...	32	5
Part 2.	Section 9 — Reconditioning	...	...	1	4
	Sections 11/12—Demolition or Closure	...	...	21	52

Housing Statistics.

1. Inspection of Dwelling-houses during the year:—

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts	...	...	...	...	...	347
	(b)	Number of inspections made for the purpose	...	...	...	...	...	789
(2)	(a)	Number of dwelling-houses (included under sub-head (i) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	...	...	...	...	...	17
	(b)	Number of inspections made for the purpose	...	...	...	...	...	17
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	...	12
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	232

## 2. Remedy of Defects during the year without Service of Formal Notices:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers ... ..	194
--	-----

## 3. Action under Statutory Powers during the year:—

(1) Housing Act, 1936, Sections 9 and 10 ... ..	Nil
---	-----

(2) Public Health Acts—

Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	2
---	---

Number of dwelling-houses in which defects were remedied after service of formal notices ... ..	9
---	---

Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1) Number of representations, etc., made in respect of dwelling-houses unfit for human habitation ... ..	9
---	---

(2) Number of dwelling-houses in respect of which Demolition Orders were made ... ..	2
--	---

(3) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ..	Nil
---	-----

(4) Number of dwelling-houses closed on undertakings (not demolished) ... ..	4
--	---

Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ... ..	Nil
---	-----

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ... ..	2
--	---

## 4. Housing Act, 1936 — Part IV — Overcrowding:—

In the absence of a census it is impossible to assess the present position with regard to overcrowding with any degree of accuracy. No general action is possible, but special cases brought to notice are dealt with as opportunity arises.

During the year 4 new cases of overcrowding were recorded, and 4 cases were abated.

From observations and information obtained during the year it would appear that the percentage of Legal Overcrowding in Colne Valley is fairly low, but that the application of the bedroom standard to the same houses would show marked overcrowding in a large number of cases. Special visits in connection with 152 cases of alleged overcrowding revealed only 4 cases of legal overcrowding.

## Section V.

### INSPECTION AND SUPERVISION OF FOOD

#### Milk Supply.

The supervision of the production of milk and the registration of producers is now the responsibility of the Ministry of Agriculture and Fisheries. The Urban District Council is now only responsible for the registration and supervision of retailers and their premises, and for the issue of dealers' and supplementary licences to retail designated milk. Sampling is limited to milk in the course of delivery and when special enquiries are necessary.

Most of the milk supplied in the District is non-designated milk produced in the area by producer/retailers. Pasteurised and Tuberculin Tested milk, obtained from outside the area, and a small quantity of locally produced Tuberculin Tested milk, make up the rest of the supply. Apart from the producer/retailers the number of retail purveyors of milk is 11, including 3 dairies, 6 shops selling bottled milk only, and 2 distributors with premises outside the District. A number of producers sell their milk wholesale to firms with pasteurising plant in neighbouring districts.

During the year 9 samples of milk were submitted to the Public Health Laboratory Service for "Methylene Blue" test, all of which were reported as satisfactory.

Samples of milk submitted to the Public Health Laboratory Service for examination for tubercle bacilli numbered 15, and all showed negative results.

#### Milk (Special Designation) Regulations, 1939-49

The following licences were granted by the Council during the year:—

1. Dealers' licences to retail Tuberculin Tested milk	...	...	5
2. Dealers' licences to retail Pasteurised Milk	...	...	7
3. Supplementary licences to retail Tuberculin Tested milk	...		2
4. Supplementary licences to retail Pasteurised Milk	...	...	2
5. Dealers' licences to retail Sterilised milk	...	...	8

#### Ice Cream.

There are no large manufacturers of ice cream in the district, but seven small retailers manufacture a complete cold mix. In addition to these, 41 premises retail pre-packed ice cream supplied from outside the district. Fifty-five visits have been made to ice cream premises during the year and advice given with regard to personal hygiene and clean food production and handling methods. During the year 37 samples of ice cream have been taken and submitted for examination. Of these, 26 were classified as Grade 1, 3 as Grade 2, 6 as Grade 3, and 2 as Grade 4. The provisional grades of ice cream are as follows:—

Provisional Grade.	Time taken to Decolourise Methylene Blue.
1	4½ hours or more.
2	2½ to 4 hours.
3	½ to 2 hours.
4	0.



Numerous factors and experimental errors of laboratory tests make it necessary for judgment to be based on a series of samples. Over a period, 50 per cent. should fall into Grade 1; 80 per cent. into Grades 1 and 2; not more than 20 per cent. into Grade 3; and none into Grade 4.

### Food Preparing Premises.

Thirty-nine premises have been registered in accordance with Section 14 of the Food and Drugs Act, 1938, for the preparation or manufacture of sausages or potted, pressed, pickled, or preserved food intended for sale, and during the year 124 visits have been made to these premises. Again there has been excellent co-operation between the food traders and the department. Many improvements have been carried out, and the policy of providing running hot and cold water at all food premises has continued.

### Meat.

There is one public abattoir, one licenced, and ten registered slaughterhouses in the district, the use of which has been suspended since the outbreak of war, with the exception of occasional use for slaughtering under licence.

The number of men licenced to slaughter animals in accordance with the Slaughter of Animals Act, 1933, is 45.

### Carcases Inspected and Condemned.

	Cattle ex'd'g Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known),	—	—	—	1	296
Number inspected	—	—	—	1	284
<b>All diseases except Tuberculosis</b>					
Whole carcasses condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	—
Percentage of number inspect- ed affected with disease other than Tuberculosis	—	—	—	—	—
<b>Tuberculosis only</b>					
Whole carcasses condemned	—	—	—	—	—
Carcases of which some part or organ was condemned	—	—	—	—	15
Percentage of number inspect- ed affected with Tuberculosis	—	—	—	—	5.28%
Total Weight condemned	—	—	—	—	317lbs.

In order to carry out this work, 83 visits were made to the Public Abattoir and 41 to private slaughterhouses, 22 to private premises, a total of 330 meat and food inspections being made in all.

### Bread and Confectionery.

There are in the District 20 bakehouses, none of them underground, of which 72 inspections were made during 1950.

## Surrender of Other Foods

	lbs.
Tinned Fruit ... ..	75 $\frac{1}{4}$
„ Peas ... ..	12 $\frac{1}{2}$
„ Marmalade ... ..	1
„ Milk ... ..	57 $\frac{1}{4}$
„ Tomatoes ... ..	9 $\frac{3}{4}$
„ Soup ... ..	1
„ Milk Pudding ... ..	1
„ Beans ... ..	13 $\frac{1}{4}$
„ Meat ... ..	90
„ Fish ... ..	26 $\frac{1}{2}$
„ Carrots ... ..	2 $\frac{3}{4}$
„ Potatoes ... ..	11 $\frac{1}{4}$
Rabbits ... ..	60
Bacon ... ..	33
Bread ... ..	14
Dried Fruit ... ..	68
Cocoonut Cake Filling ... ..	210
Total Weight ... ..	<hr/> 686 $\frac{1}{2}$ <hr/>

## Food and Drugs Act, 1938.

The West Riding County Council is the authority responsible for the Food Adulteration Section of the Act. The following particulars of samples taken during the year have been supplied by the Chief Inspector of Weights and Measures:—

	Gen.	Ad.
Milk Samples examined ... ..	74	3
Drugs examined ... ..	—	—
Dry Goods examined ... ..	21	1
Proceedings instituted ... ..	1	
Cautions issued ... ..	1	

The clean food campaign has been continued, and the Chief Sanitary Inspector has addressed various organisations in the district on clean food methods.



## Section VI.

### PREVALENCE AND CONTROL OF INFECTIOUS AND OTHER DISEASES

Apart from the increased incidence of Whooping Cough and the fact that 2 cases of Acute Poliomyelitis were notified, there was no unusual incidence of infectious or other diseases in the District during the year.

#### Smallpox.

No cases of Smallpox were notified in the District during the year.

#### Diphtheria.

During the year 3 cases of Diphtheria were notified but after admission to hospital the diagnosis was not confirmed in any case.

Supplies of Anti-Toxin for the treatment of suspected cases and contacts are obtainable by medical practitioners through the hospital service, stocks being held at the Mill Hill Isolation Hospital, Huddersfield, and the Huddersfield Royal Infirmary. Diphtheria Prophylactic for immunisation can be obtained by medical practitioners on application to the Divisional Medical Officer.

The immunisation campaign continued during the year, the inoculations being carried out by medical practitioners and officers of the County Health Department. Some 11 children of school age and 233 children under 5 years of age received a complete course of injections, whilst 83 children who had been inoculated some years ago received " booster " doses.

Further particulars of immunisations carried out and the immunisation state of the area will be found in Section VII of this report.

#### Scarlet Fever.

During the year 41 cases of Scarlet Fever were notified as compared with 79 in the previous year. Although the disease was mild in character in most of the cases, 34 of the patients were admitted to Mill Hill Isolation Hospital.

The distribution of the cases in the various wards is shown in the table given below:—

Ward	Jan.	Feb.	Mar.	Apr.	May	Jun.	July	Aug.	Sept	Oct.	Nov	Dec.	T't'l
North-East (Golcar)	2	—	—	—	—	—	2	1	1	—	1	—	7
South-East (Linthwaite)	1	1	—	1	—	—	1	—	—	1	4	3	12
West (Marsden)	1	2	3	2	—	1	—	—	—	1	—	—	10
North (Scammonden)	—	—	—	—	—	—	4	—	—	—	—	1	5
Central (Slaithwaite)	—	—	—	1	2	—	1	2	1	—	—	—	7
<b>Totals :</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>41</b>

## Whooping Cough.

During the year 195 cases of this disease occurred as compared with 13 in the previous year. Two cases, a male aged 3 years and a female aged 4 years, were admitted to the Mill Hill Isolation Hospital, where they made satisfactory recoveries.

One death was recorded as due to this disease, the patient being a child aged 5 months.

The distribution of the cases is given in the following table:—

Ward	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.	T'tal
Golcar ....	—	—	4	—	2	8	38	12	1	2	4	1	69
Linthwaite ....	1	1	1	—	—	—	1	2	4	9	9	1	29
Marsden ....	23	17	31	5	3	4	1	1	2	—	—	—	87
Scammonden	1	—	—	1	—	—	—	—	—	—	—	—	2
Slaithwaite ....	—	—	2	1	2	—	—	1	1	—	1	—	8
Totals :	25	18	38	7	7	12	40	16	8	11	11	2	195

## Measles.

A total of 118 cases of measles were notified during the year as compared with 181 in the previous year. The cases were widespread throughout the District and the incidence greatest during the months of September and November. The distribution of cases is shown in the following table:—

Ward	Jan.	Feb.	Mar.	Apl.	May	Jun.	July	Aug.	Sept	Oct.	Nov	Dec.	T't'l
North-East (Golcar)	—	—	—	—	—	6	8	1	—	2	27	6	50
South-East (Linthwaite)	—	—	—	—	—	—	2	—	1	—	3	3	9
West (Marsden)	—	—	—	1	—	—	1	5	—	—	1	—	8
North (Scammonden)	—	—	—	—	—	—	6	1	2	1	—	—	10
Central (Slaithwaite)	—	—	—	—	—	—	—	1	34	2	3	1	41
Totals	—	—	—	1	—	6	17	8	37	5	34	10	118

## Acute Primary and Acute Influenzal Pneumonia.

There were 14 cases of Acute Primary Pneumonia and 2 cases of Acute Influenzal Pneumonia notified during the year as compared with 16 cases and 5 cases respectively for 1949.

Deaths registered in 1950 as due to all forms of Pneumonia totalled 10 as compared with 6 in the previous year.

The distribution of cases is given in the table shown below:—

Ward	Jan.	Feb	Mar.	Apl.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Tot'l
North-East (Golcar)	—	—	1	—	—	—	1	—	—	—	—	1	3
South-East (Linthwaite)	—	—	1	2	—	1	—	—	—	—	—	—	4
West (Marsden)	—	1	1	1	—	—	—	—	—	—	—	2	5
North (Scammonden)	—	—	—	—	—	—	—	—	—	—	—	—	—
Central (Slaithwaite)	—	—	2	1	—	—	—	—	—	—	1	—	4
Totals	—	1	5	4	—	1	1	—	—	—	1	3	16

### Enteric Fever and Dysentery.

During the year one case of Dysentery was notified, the patient being a child aged 3 years, who made a satisfactory recovery.

No cases of Enteric Fever were notified.

### Erysipelas.

There were 5 cases of Erysipelas notified during the year as compared with 16 in 1949. Of these cases, 3 were resident in Linthwaite and 2 in Marsden.

### Cerebro-Spinal Fever.

One case of this disease was notified during the year, the patient, a child aged 7 years, being admitted to Mill Hill Isolation Hospital on the 26th July, 1950, where he died on the same day. After a post mortem operation the diagnosis was not confirmed, the final diagnosis being Acute Toxæmia (origin unknown).

### Acute Poliomyelitis and Acute Polioencephalitis.

During the year 3 cases of Acute Poliomyelitis were notified, 2 of which were confirmed, as compared with 14 cases of Acute Poliomyelitis and 7 cases of Acute Polioencephalitis in 1949. The confirmed cases were a child aged 6 years resident in Slaithwaite and a female aged 24 years resident in Linthwaite. Both cases were admitted to Mill Hill Isolation Hospital, where they made satisfactory progress.

No deaths were recorded as due to this disease.

### Puerperal Pyrexia.

No cases of this condition were notified during the year, as compared with 1 in 1949.



## Cancer.

The number of deaths attributable to Cancer during the year totalled 56 (26 male, 30 female) as compared with 44 in 1949, an increase of 12. The Cancer death rate for the year is 2.52 per 1,000 of the estimated population compared with a rate of 1.98 for the previous year. The corresponding rates for the Administrative County and the Aggregate Urban Districts are 1.83 and 1.94 respectively.

## Tuberculosis.

A total of 22 new cases of Tuberculosis was added to the Notification Register during the year, as compared with 27 in the previous year.

A total of 8 deaths (4 male, 4 female) from Tuberculosis, all pulmonary, was recorded during 1950, as compared with 11 deaths from all forms of Tuberculosis in the previous year.

The following tables give details of the number of cases on the Notification Register, together with particulars of new cases of Tuberculosis and deaths from Tuberculosis during the year:—

	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
(a) Number of cases on Register at commencement of year	41	22	21	20
(b) Number of cases notified first time during the year	6	6	2	6
(c) Number of cases restored to Register ....	1	—	—	2
(d) Number of cases added to Register otherwise than by notification ....	—	1	—	1
(e) Number of cases removed from the Register ....	6	5	1	6
(f) Number of cases remaining on the Register ....	42	24	22	23

Age (years)	New Cases				Deaths			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	Male	Female	Male	Female	Male	Female	Male	Female
0— 1	—	—	—	—	—	—	—	—
1— 5	1	—	1	2	—	—	—	—
5—10	—	1	—	1	—	—	—	—
10—15	—	—	—	1	—	—	—	—
15—20	2	—	1	—	—	—	—	—
20—25	—	—	—	—	—	—	—	—
25—35	2	3	—	2	1	1	—	—
35—45	—	1	—	—	—	1	—	—
45—55	1	2	—	1	1	1	—	—
55—65	—	—	—	—	2	—	—	—
65 and upwards	—	—	—	—	—	1	—	—
Totals	6	7	2	7	4	4	—	—



Disease	Total Number of cases Notified	Number of cases in which Diagno- sis con- firmed	Number of cases Admitted Mill Hill Isolation Hospital	Deaths	Age distribution of confirmed cases.																							
					Under 1		1-2-		2-3		3-4		4-5		5-10		10-15		15-20		20-35		35-45		45-65		Over 65	
					M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Measles ...	118	118	1	—	4	1	6	6	7	8	7	6	14	7	27	20	1	3	2	—	2	—	—	—	—	—	—	
Whooping Cough ...	195	195	2	4	6	6	7	9	14	13	15	17	15	17	38	32	1	1	—	—	—	2	1	—	—	—	1	
Acute Prim- ary Pneumonia	14	14	—	10a	—	—	—	—	—	—	—	—	—	1	—	2	—	—	—	—	—	—	3	1	—	4	2	1
Acute Influen- zal Pneumonia	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—
Scarlet Fever	41	41	34	—	—	—	2	—	3	—	4	1	4	1	8	4	1	6	1	3	—	2	—	—	1	—	—	—
Cerebro-Spinal Fever ....	1	—	1	1c	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Anterior Poliomyelitis	3	2	3b	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Dysentery	1	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	1	1	1
Diphtheria	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

(a) deaths from all forms of Pneumonia.

(b) one case admitted to Huddersfield Royal Infirmary.

(c) final diagnosis—Toxaemia (origin unknown).



## Section VII.

### SERVICES PROVIDED UNDER PART III OF THE NATIONAL HEALTH SERVICE ACT

#### PUBLIC HEALTH DIVISION 20

The County Districts forming Division No. 20 are as follows:—

Colne Valley U.D.	Kirkburton U.D.
Denby Dale U.D.	Meltham U.D.
Holmfirth U.D.	

Area of the Division (in acres) ... ..	64,265
Estimated Population (mid-1950) ... ..	74,225

#### Divisional Staff:

##### Divisional Medical Officer:

E. WARD, M.R.C.S., L.R.C.P., D.P.H.

##### Deputy Divisional Medical Officer:

W. G. SMEATON, M.B., Ch.B., D.P.H.  
(Resigned 24th June, 1950)

H. C. MILLIGAN, M.B., Ch.B., D.P.H.  
(Appointed 22nd August, 1950)

##### Assistant County Medical Officer:

(Part Time)

J. R. COCKROFT, M.B., Ch.B.  
(Resigned 24th March, 1950)

##### Clinic Medical Officers:

(Part Time)

G. ASPINWALL, M.B., Ch.B.  
C. DICKSON, M.B., Ch.B.  
L. E. LUCAS, M.B., Ch.B.  
H. MERCER, M.B., Ch.B.  
H. C. PICKERING, M.R.C.S., L.R.C.P.  
J. A. STEPHENS, M.R.C.S., L.R.C.P.  
J. E. TAYLOR, M.B., Ch.B.  
M. V. WILBY, M.R.C.S., L.R.C.P.

##### Superintendent Health Visitor:

Miss A. CORLESS  
(Appointed 1st May, 1950)

##### Health Visitors and School Nurses:

Miss D. BOWDEN, Resigned 28-4-50.  
Miss D. BROOKE.

Miss M. CAREY, Resigned 16-12-50.

Mrs. N. CRANSTON.

Miss E. EASTWOOD.

Miss M. FLINTOFF.

Miss R. M. GINDERS.

Miss M. E. PORRITT.

Mrs. A. ROYSTON.

Miss D. WOOD.

Mrs. E. M. WOODEND, Appointed 1-5-50.

##### Senior Clerk:

G. A. BEATSON.

# COMPARATIVE STATISTICS.

	Colne Valley U.D.	Denby Dale U.D.	Holmfirth U.D.	Kirkburton U.D.	Meltham U.D.	Division No. 20	Aggregate West Riding U.D's.	West Riding Admin. County	England & Wales prov. figures
Population .....	22,180	9,745	19,240	17,930	5,430	74,225	1,169,570	1,591,930	*
Live Births .....	343	112	271	210	72	1,008	18,549	25,898	*
Still Births .....	9	1	5	5	3	23	460	629	*
Deaths .....	340	133	278	231	88	1,070	14,555	18,791	*
Deaths under 1 year of age .....	9	3	11	7	—	30	616	904	*
<b>Birth Rate</b> Per 1,000 estimated population (Crude)	15.46	11.49	14.09	11.71	14.04	13.58	15.9	16.3	15.8
„ (Adjusted)	15.92	12.29	14.65	15.11	14.18	*	16.2	*	*
<b>Death Rates</b> All per 1,000 estimated population All Causes (Crude)	15.33	13.65	14.45	12.88	17.15	14.42	12.4	11.8	11.6
„ „ (Adjusted)	13.95	12.29	12.43	11.72	15.26	*	12.6	*	*
Infective and Parasitic diseases excluding T.B. but including Syphilis and other V.D. ...	0.14	—	0.16	0.11	—	0.11	0.10	0.10	*
Tuberculosis of Respiratory system	0.36	0.10	0.21	0.22	0.39	0.26	0.26	0.26	0.32
Other forms of Tuberculosis .....	—	—	0.10	0.06	—	0.04	0.04	0.04	0.04
Respiratory Diseases (excluding tuberculosis of respiratory system) ...	1.22	0.21	1.66	0.84	2.14	1.17	1.26	1.18	*
Cancer .....	2.52	2.36	2.08	2.18	1.95	2.26	1.94	1.83	1.99
Heart and Circulatory Diseases .....	5.95	6.57	4.94	4.80	6.63	5.54	4.66	4.39	*
Vascular Lesions of the Nervous System ...	2.43	2.36	2.49	1.84	3.31	2.36	1.70	1.59	*
<b>Infant Mortality</b> .....	26.24	26.79	40.59	33.33	—	29.76	33	35	30
<b>Maternal Mortality</b>	—	—	—	—	—	—	0.95	0.98	0.86

\* Figures not available.



## VITAL STATISTICS

### Births.

The number of live births registered in the Divisional area during 1950 was 1,008 (539 males, 469 females), a decrease of 85 compared with the previous year.

The CRUDE BIRTH RATE was 13.58 per 1,000 of the estimated population as compared with 14.72 for 1949.

The illegitimate live births numbered 41 or 4.07% of the total live births, an increase of 1 compared with the previous year.

### Deaths.

The deaths assigned to the Divisional area after correction for transfers were 1,070 (517 males, 553 females), an increase of 124 on the total for 1949.

The CRUDE DEATH RATE from all causes was 14.42 per 1,000 of the estimated population as compared with 12.74 for the previous year.

The following were the principal causes of death in order of frequency:—

(i)	Diseases of the Heart and Circulatory System	...	412
(ii)	Intra-Cranial Vascular Lesions	... ..	174
(iii)	Malignant Neoplasms	... ..	161
(iv)	Respiratory Diseases (excluding Pulmonary Tuberculosis	... ..	87

These 4 causes accounted for 77.94% of the total deaths.

### Infant Mortality.

In 1950 the deaths of infants under one year of age numbered 30, a decrease of 1 compared with the previous year. Of these deaths 18 infants were under 4 weeks of age at the time of death.

The INFANT MORTALITY RATE was 29.76 per 1,000 live births as compared with 28.36 for 1949.

The death rate amongst legitimate infants per 1,000 legitimate live births was 28.96 as compared with 29.44 for 1949.

The death rate amongst illegitimate infants per 1,000 illegitimate live births was 48.78 as compared with none in 1949.

The following table gives the causes of death of all infants at various ages under one year:—

# DEATHS OF INFANTS UNDER ONE YEAR OF AGE.

Causes of Death	Under 1 day	1-2 days	2-5 days	5-7 days	Total under 1 week	1-2 weeks	2-4 weeks	Total under 1 month	1-3 months	3-6 months	6-9 months	9-12 months	Total under 1 year
1. Whooping Cough	—	—	—	—	—	—	—	—	1	1	—	—	2
2. Measles	—	—	—	—	—	—	—	—	—	—	—	1	1
3. Bronchitis	—	—	—	—	—	—	—	—	—	1	—	—	1
4. Pneumonia	—	1	—	—	1	—	—	1	1	1	—	—	3
5. Congenital Malformations	—	—	1	—	1	—	3	4	1	—	—	—	5
6. Premature Birth	2	1	2	—	5	—	—	5	1	—	—	—	6
7. Injury at Birth	1	—	—	—	1	—	—	1	—	—	—	—	1
8. Asphyxia during or after birth	4	1	1	—	6	—	—	6	—	—	—	—	6
9. Accidental Suffocation	—	—	—	1	1	—	—	1	1	1	—	1	4
10. Intussusception	—	—	—	—	—	—	—	—	1	—	—	—	1
TOTAL	7	3	4	1	15	—	3	18	6	4	—	2	30

## EPIDEMIOLOGY

### Food Poisoning.

No cases of food poisoning were notified during the year.

At a County School some 15 children, 2 teachers, and a daily help were reported ill after consuming a school meal. The onset of illness varied from 1 to 8 hours after consumption of the meal and illness, which was mild, lasted from 12 to 24 hours. Principal symptoms were headache — mainly occipital, nausea, vomiting, and, in some cases, abdominal pain and diarrhoea. In no case did the illness appear serious enough to warrant the calling in of a doctor.

Bacteriological examination failed to reveal the presence of any pathogens or toxin producing organisms in the sausages, peas, potatoes, or sago. The milk was also reported satisfactory. No definite cause was established but it would seem probable that the outbreak was due to contamination of the meal (sausages in particular) with toxin producing organisms.

### Diphtheria.

Arrangements for immunisation have continued as in previous years, the inoculations being given at Infant Welfare Centres or by private medical practitioners. The response has been reasonably satisfactory and no special mobile campaigns have been held.

#### Number of Children Immunised in 1950.

Urban District	Under 5 years	5—14 years	Total	" Booster " Doses
Colne Valley	233	11	244	83
Denby Dale	137	3	140	8
Holmfirth	199	3	202	55
Kirkburton	110	2	112	17
Meltham	63	5	68	53
Total	742	24	766	216

Records of the immunisation state of children in the Divisional area as at the 31st December, 1950, are shown below.

Age at 31-12-50 i.e., Born in Year	Under 1 1950	1 1949	2 1948	3 1947	4 1946	5 to 9 1941-45	10 to 14 1936-40	Total Under 15
Number immunised	24	540	751	969	687	2,377	1,976	7,324
Estimated mid-year child population 1950, as supplied by Registrar-General ....	Children under 5 5,687					Children 5-14 8,757		14,444
Percentage of child population immunised ....	52.24					49.71		50.71

### Smallpox.

The number of records of vaccinations and re-vaccinations received during the year was 248 and 82 as compared with 98 and 26 respectively in the previous year. These increases probably were due to the occurrence of 2 suspected, but later unconfirmed, cases of Smallpox in neigh-

bouring areas, and also to the fact that a number of records relating to the previous year were received late and are included in this year's figures.

Details of the various age groups vaccinated and re-vaccinated are given below.

Number Vaccinated	Age at Date of Vaccinations:				Total
	Under 1	1 to 4	5 to 14	15 or over	
Colne Valley ...	30	12	19	19	80
Denby Dale ...	13	4	3	8	28
Holmfirth ...	48	3	6	4	61
Kirkburton ...	39	7	7	2	55
Meltham ...	15	2	3	4	24
<b>Number Re-Vaccinated</b>					
Colne Valley ...	—	2	4	30	36
Denby Dale ...	—	—	1	7	8
Holmfirth ...	1	—	3	11	15
Kirkburton ...	—	1	3	17	21
Meltham ...	—	—	—	2	2

No cases of Generalised Vaccinia or Post-Vaccinal Encephalomyelitis were reported, and no deaths from any complications of vaccination occurred during the year.

### Whooping Cough.

No scheme for immunisation against Whooping Cough is in operation in the Division but the procedure is apparently carried out fairly widely by general practitioners who, on the whole, seem to consider that it is worth while. Very few requests are received from parents but general practitioners have from time to time asked for supplies of combined vaccine.

## MIDWIFERY AND MATERNITY SERVICES

### Domiciliary Midwifery.

Further steps were taken during the year to separate the Midwifery and Home Nursing Services, 5 nurse/midwives ceasing to undertake midwifery and becoming full-time home nurses, whilst another is now a relief nurse/midwife. A third relief nurse/midwife was also appointed during the year. The 3 relief nurses now available have been of great value owing to the high rate of sickness amongst nursing staff. Without their help it is difficult to see how the Midwifery and Home Nursing Services could have been carried on at times of stress.

The position at the end of the year regarding Midwifery Services was as follows:—

Urban District	Authorised Establishment	Staff at 31st December, 1950	
		Whole-time Midwives	Nurse/Midwives
Colne Valley	3	2	—
Denby Dale	2	2	—
Holmfirth	2	2	—
Kirkburton	2	1	2
Meltham	1	1	—
Relief	2	—	3
Division 20	12	8	5



Two independent midwives signified their intention to practice in the area, and attended a total of 3 cases.

Of the 1,045 births notified and attributed to the Division, 342 occurred at home. The following table shows the number of cases attended:—

Cases attended by	As Midwives	As Maternity Nurses
(a) Whole-time County Midwives (8)	228	29
(b) Nurse/Midwives .... (5)	71	13
(c) Independent Midwives .... (2)	1	2
Total ...	300	44

Of the cases attended 6 were patients who normally resided outside the Division (outward transfers). There were 4 cases of women normally resident in the Division having domiciliary confinements at addresses outside the Division (inward transfers).

In addition, 12 miscarriages were also attended by domiciliary midwives.

The services of the domiciliary midwives are offered to all patients who are confined in hospitals or maternity homes but are discharged home before the 14th day of the puerperium. During the year 185 such patients received nursing care, 439 individual visits being paid to them.

**Notifications:**

The following notifications were received from midwives practising in the Division:

Death of Child ... ..	3
Stillbirths ... ..	5
Artificial Feeding ... ..	47
Laying Out the Dead ... ..	4

**Medical Assistance:**

Medical aid forms sent in by midwives during 1950 numbered 216 and were comprised as follows:—

PREGNANCY				LYING-IN			
Ante-Partum Hæmorrhage ...	3			Abdominal Pain ... ..	3		
Threatened Abortion ... ..	1			Varicose Veins ... ..	1		
Albuminuria ... ..	1			Cracked Nipples ... ..	2		
	5			Pyrexia ... ..	1		
					7		
LABOUR							
Prolonged Labour ... ..	27						
Ruptured Perineum ... ..	104						
Retained Placenta ... ..	8						
Post-Partum Hæmorrhage ...	5						
Malpresentation ... ..	4						
Multiple Pregnancy ... ..	2						
Uterine Inertia ... ..	1						
Premature Labour ... ..	8						
Breech Presentation ... ..	2						
Rigid Cervix ... ..	1						
Fœtal Distress ... ..	2						
Raised Blood Pressure ... ..	1						
Episiotomy ... ..	4						
Vaginal Tears ... ..	8						
Foot Presentation ... ..	1						
Forceps Delivery ... ..	1						
Precipitate Labour ... ..	1						
	180						
				THE CHILD			
				Death of Infant ... ..	1		
				Harelip and Cleft Palate ...	3		
				Cyanosis ... ..	1		
				Talipes ... ..	1		
				Malformation ... ..	2		
				Dangerous Feebleness ... ..	2		
				Prolapse of Cord ... ..	1		
				Convulsions ... ..	1		
				Tongue Tie ... ..	1		
				Discharging Eyes ... ..	4		
				Asphyxia ... ..	4		
				Icterus ... ..	2		
				Baby Unwell ... ..	1		
					24		

## Gas and Air Analgesia.

At the end of 1950, of the 13 midwives in domiciliary practice 12 held the certificate in Gas and Air Analgesia administration and were equipped with the necessary apparatus. The other midwife is a whole-time relief nurse/midwife undertaking few midwifery duties and who is eventually to undertake relief home nursing duties only.

Analgesics were administered by domiciliary midwives to 225 cases as compared with 156 cases in 1949.

## Ante-Natal Clinics.

There are 7 Ante-Natal Clinics in the Division, all of which are held monthly except the Golcar Clinic, which is held fortnightly. The clinic at Marsden was discontinued on the 12th June, 1950.

During the year, 176 patients made 588 attendances at the various clinics, details of which are given in the following table. Compared with the previous year, when 278 patients made 971 attendances, it will be seen that there has been a further falling-off in attendances.

Clinic	No. of sessions	No. of patients	No. of attendances	Average attendance per session
Denby Dale ....	12	10	30	2.50
Holmfirth ....	12	21	50	4.17
Lepton ....	12	36	116	9.67
Meltham ....	12	36	133	11.08
Skelmanthorpe ....	12	27	89	7.42
Marsden ....	6	5	14	2.33
Golcar ....	23	24	115	5.00
Slaithwaite ....	12	17	41	3.42
Total ...	101	176	588	5.82

In addition to the regular Ante-Natal Clinics occasional patients are seen at the Child Welfare Clinics.

The considerable decrease in individual patients and attendances made is to be regretted because although more patients are receiving ante-natal care from their own doctors or hospital ante-natal clinics, the local authority clinics can still give much useful service, particularly from the educational point of view.

Attempts have been made to increase the number of patients attending Ante-Natal Clinics by suggesting to midwives the desirability of their patients attending the Ante-Natal Clinics in addition to receiving ante-natal supervision from the booked midwife. In 4 cases the midwives have been placed in charge of Ante-Natal Clinics, and this has worked well.

No special Post-Natal Clinics were held but patients are seen for post-natal examination at the Ante-Natal Clinics. The attendances, however, leave much to be desired. More could be done by way of special visits by health visitors but staffing difficulties prevent this.

### **“ Flying Squad ” Arrangements.**

A “ Flying Squad,” based at the Huddersfield Royal Infirmary, is available in the area, details of which have been circulated to general practitioners by the Secretary of the Hospital Management Committee. The “ Squad ” was called out on 2 occasions during the year, in each case by midwives on behalf of general practitioners attending cases of severe post-partum hæmorrhage. Both patients made an excellent recovery.

### **Ante-Natal Hostel.**

During the year only 2 cases were admitted from this Division to the Brighouse Ante-Natal Hostel for expectant mothers.

The difficulties in arranging for the care of their families is a deterrent to vacancies being accepted by patients who would undoubtedly benefit from a stay in the hostel.

### **Institutional Midwifery.**

No serious difficulty has been experienced regarding maternity accommodation, the majority of expectant mothers being able to secure admission to the institution of their own choice.

Of the 1,045 births attributed to the Division only 342, or 32.7% took place at home, as compared with 367, or 32.9%, for the previous year.

Owing to shortage of staff, however, patients are from time to time discharged before the 10th day, as will be seen from the following table:

Day of Discharge	No. of Patients
4	4
5	6
6	12
7	35
8	79
9	33
	<hr/> 169

The Divisional Medical Officer is informed by the hospital authorities when these early discharges are to take place, and arrangements are made for the appropriate domiciliary midwife to attend the patient at home until the 14th day of the puerperium.

Details of the places of confinement of patients from the various districts are shown in the following table.

# ADMISSIONS TO MATERNITY HOSPITALS

Place of Confinement	Colne Valley	Denby Dale	Holmfirth	Kirkburton	Meltham	Total
Princess Royal Maternity Home	150	36	3	84	24	297
Holme Valley Memorial Hospital	—	—	175	—	—	175
St. Luke's Hospital, Huddersfield	70	4	5	32	18	129
Huddersfield Royal Infirmary	21	4	9	18	1	53
Other Maternity Hospitals	1	6	1	2	—	10
Other General Hospitals	3	1	1	2	—	7
Private Nursing Homes	16	3	3	5	5	32
Total Institutional	261	54	197	143	48	703
Domiciliary	91	63	84	74	30	342
Total Confinements	352	117	281	217	78	1,045



## CHILD WELFARE

### Infant Welfare Clinics.

Weekly clinic sessions are held at Golcar, Holmfirth, Honley, Kirkburton, Lepton, Linthwaite, Marsden, Meltham, New Mill, and Slaithwaite, whilst clinics are conducted twice monthly at Denby Dale and Skelmanthorpe.

During the year 2,060 children were seen and a total of 16,712 attendances were made, details of which are shown in the following table, as compared with 2,532 children and a total of 18,292 visits in the previous year.

Clinic	No. of sessions	Children seen			Attendances			Average attendance per session	
		Under 1	1-5	Total	Under 1	1-5	Total	Under 1	1-5
Golcar ....	51	39	115	154	662	538	1,200	12.98	10.55
Holmfirth ...	52	59	229	288	942	844	1,786	18.12	16.23
Honley ....	50	46	132	178	565	622	1,187	11.30	12.44
Kirkburton	49	33	88	121	529	260	789	10.79	5.31
Lepton ....	49	47	67	114	599	454	1,053	12.22	9.27
Linthwaite ...	52	49	92	141	922	566	1,488	17.73	10.88
Marsden ....	51	57	230	287	897	1,479	2,376	17.59	29.00
Meltham ....	47	50	172	222	857	943	1,800	18.23	20.06
New Mill ...	52	32	105	137	760	658	1,418	14.62	12.65
Slaithwaite ...	52	50	154	204	936	1,185	2,121	18.00	22.79
Denby Dale	26	42	90	132	493	362	855	18.96	13.92
Skelmanthorpe	25	28	54	82	428	211	639	17.12	8.44
Total	556	532	1,528	2,060	8,590	8,122	16,712	15.45	14.61

The monthly sessions of the Weighing Centre at Emley have continued, 28 individual children having made 149 attendances.

### Premature Babies.

During the year 50 babies weighing  $5\frac{1}{2}$  lb. or less were born in hospitals or nursing homes to mothers normally resident in the Division, and 17 were born at home, as compared with 47 and 11 respectively for the previous year. Of those born at home 2 were transferred to hospital, one of which died during the first 24 hours, and 2 died at home, one during the first 24 hours and one on the second day. The remaining 13 survived at the end of one month. Particulars of survival are shown in the following table:

# THE FATE OF PREMATURE BABIES BORN IN THE DIVISIONAL AREA

Weight Group lbs.	Number of Premature Births						Number Dying (days of survival).														Percent- age Survival in 1949								
	Born Alive					Born Dead	First Week							Second Week								Over 14 up to 28 days	Number Surviving Over 28 Days	Percent- age Survival in 1950					
	A	B1	B2	C	T		1	2	3	4	5	6	7	8	9	10	11	12	13	14									
5-5½	7	2	11	14	34	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	2	10	14	33	97.1	96.2
4½-5	1	-	5	4	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	4	10	100.0	100.0
4-4½	4	-	1	5	10	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	5	10	100.0	100.0
3½-4	1	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	100.0	71.4
3-3½	3	-	-	2	5	-	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	2	40.0	50.0
2½-3	-	-	1	2	3	1	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	33.3	33.3
2-2½	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	00.0	100.0
1½-2	-	-	-	2	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	00.0	00.0
	17	2	19	29	67	3	6	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	14	2	18	24	58	86.6	87.9

Total unadjusted live births ..... 1,045  
 Number of live premature births ..... 67  
 Percentage of total live births ..... 6.4  
 Number born dead ..... 3

A: Born at home and attended by a midwife.  
 B1: Born in a Private Nursing Home.  
 B2: Born in a Maternity Home.  
 C: Born in a General Hospital.  
 T: Total.

At the end of the year there were 2 midwives who had special training in the care of premature babies, having attended a course at the Sorrento Hospital, Birmingham.

One premature baby outfit is available in the Division and is kept at the Divisional Health Office. Arrangements are made for the outfit to be conveyed by ambulance to any household where its use is thought to be advisable by the midwife. During the year the outfit was called into use on 4 occasions.

#### **Day Nurseries.**

There are no day nurseries in the Division.

#### **Nurseries and Child Minders' Regulations Act, 1948.**

During the year a private nursery controlled by a textile firm was registered under the Act. The nursery provides for 30 children.

### **SCHOOL HEALTH SERVICE**

#### **Introduction.**

Although it has not been possible to reach the target of 2 visits to each school for the purpose of routine medical inspections, during the year 132 inspections have been carried out at the 69 schools or separate departments in the Division. At these inspections 2,434 routine periodic, 3,108 special, and 1,042 follow-up examinations were carried out. The number of routine periodic is 2,050 less than in the previous year, whilst there is an increase of 1,614 in the special and follow-up examinations. These large differences in number are due to the fact that all the overdue periodic examinations have now been dealt with, thus reducing the numbers for routine examinations to the children of the specific age groups, namely, the entrants at 5 years old, the intermediates at 10 years +, and the leavers at 14 years +. The increase in the special and follow-up examinations is the natural consequence of the more frequent visits to schools and improved follow-up arrangements.

The general standard of health of the children has been well maintained and the defects found have been mainly respecting vision, enlarged tonsils, and minor degrees of flat foot.

The ascertainment of handicapped pupils in need of special educational treatment has continued, 31 pupils being added to the register during the year: In spite of these additions there are undoubtedly many more pupils who should be classified as handicapped and receive special educational treatment, but owing to the lack of facilities for such treatment there is a tendency on the part of teachers, school medical officers, and parents, to think that formal ascertainment serves no useful purpose as nothing can be done for the children at the present time. Such a view is a mistaken one, as it is only when the actual need for special treatment is known that steps can be taken by the Education Authority to provide the facilities required at a future date. There is still great difficulty in placing handicapped pupils in suitable schools, and it is to be regretted that unavoidable delays prevented the opening of the County Council's 3 Special Schools for Educationally Sub-Normal Pupils in the spring as was anticipated. A second Open-Air School is shortly to be opened at Netherside Hall, Grassington, and this, with the Ingleborough Hall School, should considerably ease the position so far as delicate children are concerned.

It is pleasing to report that the delay in obtaining spectacles no longer exists, and most prescriptions can now be dispensed within a week.

The position of the School Dental Service, however, shows no improvement and is now virtually non-existent in this Division. No routine dental inspections are carried out in schools and no treatment is provided in the Division. A mere handful of children have received treatment at the Dental Clinics in Brighouse and Wakefield.

#### **Medical Inspections.**

During the year, medical inspections of schoolchildren were carried out at 132 separate inspections at 69 schools and departments in this Division. The age groups of children examined were the same as in the



previous year, being those prescribed by Regulation 49(2) of the Handi-capped Pupils and School Health Service Regulations, 1945. All children are examined as soon as possible after their entry into school, usually at 5 years of age; in the year prior to their transfer to a secondary school, i.e. at 10 years +; and during their last year at school, i.e. at 14 years +.

Pupils continuing attendance at school beyond the age of 15 years are given additional routine medical examinations at 16 and 18 years. Children at routine inspections or special examinations who were found to have defects which required observation or treatment were re-examined each time a school medical inspection took place. At these inspections a total of 2,434 periodic, 3,108 special, and 1,042 re-examinations were carried out. This compares with 4,484, 1,433, and 1,103 respectively for the year 1949. The reduction in the number of routine periodic inspections is due to the fact that the arrears of work which had accumulated in previous years have now been liquidated and only the regular age groups require examination.

The details are given in the following table:—

**Periodic Medical Inspections.**

Number of inspections in the prescribed groups:

Entrants	...	...	...	...	1,045
Second age group	...	...	...	...	792
Third age group	...	...	...	...	363
Total	...	...	...	...	2,200
Number of other periodic inspections	...	...	...	...	234
Grand Total	...	...	...	...	2,434

**Defects Found.**

Of the pupils examined as “ routines,” some 279 individual pupils were found to require treatment for one or more defects. The following table gives details of such defects.

Group	Defective Vision (excluding Squint).	For any of the other conditions recorded in table of defects	Total Individual Pupils
Entrants	6	132	124
Second Age Group	68	39	97
Third Age Group	31	7	37
Total (prescribed groups)	105	178	258
Other periodic inspections	17	5	21
GRAND TOTAL....	122	183	279

**General Condition.**

All pupils at routine medical inspections are classified according to their general condition. In 31.7% classification was Good, in 65.1% Fair, and in 3.2 % Poor, as compared with 30%, 67.5%, and 2.5% respectively in 1949. Details are as follows:—

Age Group	Number of Pupils Inspected	(A) Good		(B) Fair		(C) Poor	
		No.	% of Col. 2	No.	% of Col. 2	No.	% of Col. 2
Entrants	1045	389	37.2	634	60.7	22	2.1
Second Age Group	792	204	25.8	550	69.4	38	4.8
Third Age Group	363	127	35.0	226	62.3	10	2.7
Other Periodic Inspections	234	51	21.8	174	74.4	9	3.8
TOTAL	2434	771	31.7	1584	65.1	79	3.2



## Special Examinations.

The first time in each year that a child is examined, other than at a routine periodic inspection, is regarded as a "Special Examination." Thus all children with defects which were noted in a previous year and who are seen again are classified as "Specials" at the first examination in each year, and as "Follow-ups" at each subsequent examination in the same year. So far as is practicable all children with known defects are examined at least twice in each year.

Also included as "Specials" are children aged 8 years + who are specially examined for visual acuity as this would normally not be done until the routine periodic examination at 10 years +. During the year, 1,199 of these children were tested for visual acuity, of which 79 were found to require treatment and 197 to be kept under observation.

The following table gives details of all defects noted at both periodic and special examinations. All defects noted at medical inspections as requiring treatment are included in this table, whether or not this treatment was begun before the date of the inspection.

### Return of Defects Found by Medical Inspection in the Year Ended 31st December, 1950.

Defect or Disease.	Number of Defects.			
	Periodic Inspections		Special Inspections.	
	Requiring Treatment	Requiring Observation but not treatment	Requiring Treatment	Requiring Observation but not treatment
Skin .....	15	11	2	6
Eyes: (a) Vision .....	122	160	311	641
(b) Squint .....	9	13	3	10
(c) Other .....	5	14	3	13
Ears: (a) Hearing .....	1	3	2	12
(b) Otitis Media .....	—	15	3	4
(c) Other .....	3	11	9	15
Nose or Throat .....	75	196	145	146
Speech .....	4	9	17	17
Cervical Glands ...	1	1	—	—
Heart and Circulation .....	3	20	2	16
Lungs .....	—	61	6	83
Developmental (a) Hernia .....	9	5	1	4
(b) Other .....	11	14	6	4
Orthopaedic (a) Posture ...	3	26	2	13
(b) Flat Foot .....	7	46	7	127
(c) Other .....	25	31	18	23
Nervous System (a) Epilepsy ...	—	3	3	6
(b) Other .....	2	65	1	23
Psychological (a) Development .....	13	3	57	11
(b) Stability .....	1	2	6	—
Other .....	5	14	17	35
<b>TOTAL</b> .....	<b>314</b>	<b>723</b>	<b>621</b>	<b>1209</b>

### **Other Examinations.**

In addition to routine, special, and follow-up examinations of children at school medical inspections, a total of 183 children were examined at home or at school for various reasons. These include non-attendance at school, fitness to attend school camps, participation in part-time employment or entertainment under the Children and Young Persons Act, 1937, and also those examined with a view to providing special educational treatment.

### **Arrangements for Medical Treatment.**

#### **School Clinics.**

There are no special school clinics set up in this Division, but minor ailments receive attention and "booster" doses of diphtheria prophylactic are given at 12 Infant Welfare Clinics in the area. During the year a total of 624 attendances were made by schoolchildren at such clinics.

#### **Special Clinics.**

During the year there have been several changes in the arrangements for consultant clinics and in the staffing of them.

#### **Ophthalmic Clinics.**

During the year the responsibility for examination and treatment of schoolchildren was taken over by the Regional Hospital Eye Service and Dr. J. V. Kirkwood, for many years School Oculist to the West Riding County Council, was transferred to the staff of the Leeds Regional Hospital Board. By agreement with the Regional Hospital Board, Ophthalmic Clinics conducted by Dr. Kirkwood are arranged by the Divisional Medical Officer as agent of the Local Hospital Management Committee, in hired premises throughout the Division, so that as far as the children are concerned there has been virtually no alteration in the services provided. Thus, children with defective vision may obtain treatment through the National Health Service, either by consulting a medical oculist, an ophthalmic optician, or by attending one of the special clinics mentioned above.

During the year 54 special clinic sessions were arranged and these were attended by 410 children. Spectacles were prescribed for 237 children, 60 were found not to require any change, and 99 did not require spectacles. The number of children who attended for re-checking of glasses newly obtained was 118.

At the beginning of the year there was considerable time lag between the prescription and the receipt of spectacles. Accordingly a system of re-checking the glasses when obtained was instituted. During the year, however, a substantial improvement in the time interval became apparent, and whereas at the beginning of the year this was often 6 months or more, by the end of 1950 the period of waiting had been reduced to something like 2 months on the average.

In September, 1950, a special clinic for schoolchildren was established at the Huddersfield Royal Infirmary under Mr. F. Gamm, M.C., M.B., Ch.B., the Consultant Ophthalmologist for pathological conditions of the eyes. No cases were referred from this area to this clinic in 1950.

#### **Ear, Nose, and Throat Clinics.**

In January, 1950, Mr. W. O. Lodge, M.D., F.R.C.S., of Halifax, took up duty as Consultant Aural Surgeon to the Huddersfield Hospitals, and in consequence became responsible for the special Ear, Nose, and Throat Clinics held periodically at the Huddersfield Royal Infirmary for West Riding schoolchildren. During the year 7 sessions were held and 137 individual children were seen, 113 being referred for operative treatment.



## **Orthopædic Clinics.**

In consequence of staffing alterations at the Huddersfield Royal Infirmary arrangements were made with the Leeds Regional Hospital Board for Mr. W. Barclay, M.C., F.R.C.S., Consultant Orthopædic Surgeon, to hold a special monthly session in the Out-Patients' Department at the Huddersfield Royal Infirmary for West Riding children. At the 12 sessions held during the year 109 individual patients were seen who made a total of 182 attendances.

In addition to those cases seen at the Consultant's Clinic treatment and supervision of minor orthopædic defects is carried out by the Orthopædic Nurse working under the guidance of the Consultant at 2 treatment centres in the Division, one at Golcar and the other at Holmfirth. The total number of patients treated was 47; the total number of attendances 214.

Treatment in their own homes was also given to 6 children by the Orthopædic Nurse, who made a total of 160 domiciliary visits.

## **Speech Therapy Clinic.**

In September a Speech Therapist, Miss V. Shiels, commenced duty in Divisions 18, 19, 20, and 21. It was intended that 2 weekly sessions should be held at the Golcar Clinic, but after 2 months' work when 14 sessions were held it was decided, on account of travelling difficulties, to discontinue sessions at Golcar, and cases under treatment were transferred to the Brighouse Clinic. At the sessions held at Golcar 22 new cases were seen, 5 being considered unsuitable for treatment. Treatment was arranged for the remainder which was made up of 6 stammerers and 11 children with articulation defects.

It is unfortunate that the number of cases seen and treated represent only a very small proportion of those requiring such treatment in the Division. With improvements in the staffing position, however, it should be possible to make a more comprehensive survey of cases requiring treatment and this work should continue to expand.

## **Child Guidance Clinics.**

Appointments are made through Central Office, Wakefield, for cases requiring child guidance treatment at Barnsley Education Committee Child Guidance Clinic under the Psychologist, Dr. M. M. MacTaggart. During the year 18 children were referred to Dr. MacTaggart from this Division. An expansion of this service is contemplated by the County Council and it is hoped that the waiting lists for appointments will be cut down considerably. The service is handicapped by the lack of a Psychiatric Social Worker who could provide background history for the cases and maintain liaison between the clinic, the child's home, and the school. Expansion of this work is very desirable, but staffing difficulties will prove a major obstacle for some time to come.

## **Ultra Violet Light Clinics.**

An Ultra Violet Ray Clinic was held twice weekly at Holmfirth. Cases are referred by the School and Infant Welfare Medical Officers, and during the year some 29 children received a course of treatment.

## **Pædiatric Clinics.**

During the year, Dr. C. C. Harvey, M.D., M.R.C.P., the County Pædiatrician, held 2 special pædiatric sessions at the Golcar Clinic, where 10 individual children suffering from cardiac diseases were seen.

## Treatment Tables.

The following tables give details of treatment given to school children under the Authority's schemes and otherwise. The treatment provided otherwise than by the Authority includes all treatment known by the Authority to have been so provided, including treatment undertaken in school clinics by the Regional Hospital Board.

### 1. Diseases of the Skin.

	Number of cases treated or under treatment during the year.	
	By the Authority	Otherwise
Ringworm: (i) Scalp ... ..	—	1
(ii) Body ... ..	—	2
Scabies ... ..	2	5
Impetigo ... ..	4	6
Other Skin Diseases ... ..	2	2
Total ... ..	6	16

### 2. Eye Diseases, Defective Vision, and Squint.

	Number of cases dealt with.	
	By the Authority	Otherwise
External and Other, excluding Errors of Refraction and Squint ... ..	4	1
Errors of Refraction, including Squint ...	—	398
Total ... ..	4	399
Number of Pupils for whom Spectacles were: (a) Prescribed ... ..	—	278
(b) Obtained ... ..	—	285

### 3. Diseases and Defects of Ear, Nose, and Throat.

	Number of cases treated.	
	By the Authority	Otherwise
Received Operative Treatment:—		
(a) For diseases of the Ear ... ..	—	—
(b) For Adenoids and chronic Tonsillitis ... ..	—	263
(c) For other Nose and Throat conditions ... ..	—	3
Received other forms of treatment ...	—	10
Total ... ..	—	276

### 4. Orthopaedic and Postural Defects.

(a) Number treated as in-patients in Hospitals ... ..	1	
(b) Number treated otherwise, e.g. in Clinics or Out-Patient Departments	By the Authority	Otherwise
	53	3



## 5. Child Guidance Treatment.

	Number of cases treated.	
	In the Authority's Child Guidance Clinics	Elsewhere
Number of Pupils treated at Child Guidance Clinics ... ..	—	18

## 6. Speech Therapy.

	Number of cases treated.	
	By the Authority	Otherwise
Number of Pupils treated by Speech Therapist ... ..	17	2

## 7. Other Treatment Given.

	Number of cases treated.	
	By the Authority	Otherwise
(a) Miscellaneous Minor Ailments ...	306	2
(b) Ultra Violet Light ... ..	29	—
Total ... ..	335	2

## Cleanliness.

Routine inspections are carried out at all schools as far as possible at least once every term by the health visitors, to supervise the bodily cleanliness of pupils in attendance at school. Parents of children found to be infested with vermin (including nits) are sent a communication from the Divisional Office and visited by the health visitor where practicable. The more heavily infested cases are excluded from school for a few days in order to give the parents an opportunity to rid the child of vermin. Excluded children are re-examined before or immediately after their return to school. During the year the total number of examinations carried out was 16,020, and 738 instances of infestation were found.

Total number of warning letters sent ... ..	394
Total number of exclusion notices served ... ..	28
Total number of home visits paid ... ..	226
Total number of individual children found to be verminous	588

This last figure of 588 compares with 541 in 1949. Although in many cases the infestation was slight and frequently the same children were found to be infested on each visit, the fact that 588 individual pupils, or 6.71% of the school population, were found to be infested during the year, is a grave reflection on parental care.

## Handicapped Pupils.

A register is maintained of all pupils who, owing to some mental or physical disability, require special educational treatment. During the year, 49 pupils have been examined with reference to their need of special educational treatment, and recommendations for the provision of same were made in 31 cases.

At the end of the year 153 pupils were included in the register, the sub-division into the various classes being as follows:—

Maladjusted	...	...	...	...	...	...	6
Deaf	...	...	...	...	...	...	2
Delicate	...	...	...	...	...	...	12
Speech	...	...	...	...	...	...	4
Partially Sighted	...	...	...	...	...	...	6
Blind	...	...	...	...	...	...	1
Physically Handicapped	...	...	...	...	...	...	20
Educationally Sub-Normal	...	...	...	...	...	...	102

153

At the beginning of the year 13 children were in attendance at Special Schools and 9 children (3 physically handicapped, 5 delicate, and 1 blind) were admitted during the year. There were 9 discharges (2 physically handicapped, 5 delicate, and 2 deaf), leaving a total of 13 children in attendance at Special Schools at the end of the year, the details being as follows:—

Category	No. Away	Location of Special School
Partially Sighted ... ..	3	School for Partially Sighted Children, Fulwood, Preston.
Blind ... ..	1	Sheffield School for Blind Children.
Delicate ... ..	6	2 at Ingleborough Hall, Clapham. 3 at Oak Bank Open Air School, Sevenoaks. 1 at Castleham School of Recovery.
Physically Handicapped ...	3	1 at Marguerite Hepton Orthopædic Hospital, Thorp Arch. 1 at Heritage Craft School, Chailey. 1 at Leasowe Children's Hospital School.

Owing to the shortage of places in Residential Special Schools and Hostels, considerable difficulty is experienced in placing pupils in suitable schools, and at the end of the year 68 pupils in the following groups were awaiting placement:—

Deaf	...	...	...	...	...	...	2
Maladjusted	...	...	...	...	...	...	4
Delicate	...	...	...	...	...	...	4
Educationally Sub-Normal	...	...	...	...	...	...	52
Physically Handicapped	...	...	...	...	...	...	3
Partially Sighted	...	...	...	...	...	...	3

68

The position regarding admission of handicapped children to Special Schools still remains difficult. The opening of schools for delicate children by the West Riding County Council should perhaps ease the problem so far as this category is concerned, but the position of the deaf and partially sighted is disquieting. The provision of Special Schools for the educationally sub-normal will be a major difficulty for some years to come.

### **Liaison with General Practitioners.**

Under an agreement reached between the British Medical Association and the Society of Medical Officers of Health, children found at school suffering from defects requiring specialist advice or treatment are notified in the first instance to the family practitioner before an appointment at the Consultant's Clinic is arranged. By this arrangement the family practitioner is kept informed of defects found amongst his patients and copies of the Consultant's report are sent to him.

### **Defects Amongst School Leavers.**

Children leaving school who are suffering from defects of such a nature that employment in certain occupations would be detrimental to their health are notified to the Youth Employment Officer, so that special vocational guidance may be given to them. Those more seriously handicapped are recommended to the Youth Employment Officer for inclusion on the Disabled Persons Register.

During the year some 46 children were notified to the Youth Employment Officer and 6 of these were recommended for placement on the Disabled Persons Register.

### **Sanitary Conditions of School Premises.**

On the whole the schools in the Division are kept in a reasonable state of repair. In quite a number, however, the interior decorations and the position of lighting points require attention. There has been some improvement in the sanitary conditions in schools during the year but a number are far from satisfactory.

At each routine medical inspection a tour of the school premises is made by the visiting medical officer, and a report submitted. Particulars of any sanitary defects found are sent to the Divisional Education Officer, or the School Correspondent in the case of voluntary schools, and a request made that the defects be remedied as soon as possible. A copy of the letter sent is passed to the local sanitary inspector and he is asked to follow up the complaint until it is remedied.

## **HEALTH VISITING**

At the commencement of the year 9 health visitors and 2 tuberculosis visitors were engaged in the Division. During the year a new appointment, that of Superintendent Health Visitor, was created, and in May, Miss A. Corless took up the duties of this post. In addition 2 appointments of health visitor were made and there were 2 resignations. One of the tuberculosis visitors also left the service of the County Council and was not replaced, her duties being shared amongst the general health visitors.

Urban District	Authorised Establishment	Staff at 31-12-50
Superintendent Health Visitor ... ..	1	1
Colne Valley ... ..	4	4
Denby Dale ... ..	2	—
Holmfirth ... ..	4	2
Kirkburton ... ..	3	2
Meltham ... ..	1	1
Tuberculosis Visitors ... ..	2*	1
	17*	11

\* 1 Shared with Division 21.



The last few years and particularly since the National Health Service Act, 1948, have brought a much wider range of duties within the scope of the health visitor. A survey of her work shows that not only is she continuing to advise the expectant and nursing mother and the child under 5, but includes amongst other duties the intensive " Follow-up " of handicapped schoolchildren and special cases up to the age of 18 years, the home visiting of tubercular patients and their families, the care of the aged, liaison with the hospital services in connection with after care, and, of course, her never-ending struggle with the social problem families. The health visitor has indeed become an invaluable friend of the family as a whole.

The recent introduction of a pre-school clinic at Slaithwaite has proved most successful and popular with the mothers, and it is proposed to extend this experiment to other districts.

The educational programme has progressed slowly because of lack of staff but it is hoped that this will be remedied during the coming year. The teachers are most co-operative in the educational work in the schools and welcome the teaching given by health visitors to the pupils.

The following is a summary of the visits made by health visitors during the year:—

District	Expectant Mothers		Children under 1 year of age		Children Between Ages of 1 and 5 Years		Other Cases
	First Visits	Total Visits	First Visits	Total Visits	First Visits	Total Visits	Total Visits
Colne Valley	39	112	363	2,271	3	2,306	577
Denby Dale	7	14	138	1,043	2	500	649
Holmfirth	4	10	274	2,077	15	1,345	258
Kirkburton	16	38	194	982	5	1,331	287
Meltham	39	64	74	566	3	420	260
Division 20	105	238	1,043	6,939	28	5,902	2,031

### HOME NURSING

During the year the reorganisation of the Home Nursing Service with the view of entirely separating it from the Midwifery Service has continued. The establishment of home nurses approved by the Ministry of Health under the National Health Service Act and the staff position at the end of the year are set out as follows:—

Urban District	Authorised Establishment	Staff at 31st Dec., 1950	
		Home Nurses	Nurse-Midwives
Colne Valley	3	3	—
Denby Dale	2	3	—
Holmfirth	2	3	—
Kirkburton	3	2	2
Meltham	1	1	—
Relief	1	—	3
Division 20	12	12	5



Particulars of the work done in the various districts by the home nurses and nurse/midwives are shown in the following table. The amount of work done by the home nurses still varies considerably and further readjustment of districts is required as soon as this can be arranged.

	Home Nursing			Midwifery	
	Transfers	New Patients	Visits Paid	Confinements	Visits Paid
<b>COLNE VALLEY URBAN DISTRICT</b>					
Golcar .....	24	141	3,353	3	79
Marsden and Slaithwaite .....	8	158	2,289	6	164
Linthwaite .....	23	228	3,847	—	57
	55	527	9,489	9	300
<b>DENBY DALE URBAN DISTRICT</b>					
Denby & Cumberworth ..	15	65	1,859	1	23
Clayton West and Scissett ..	12	46	864	4	112
Emley and Skelmanthorpe ...	19	127	2,702	2	75
	46	238	5,425	7	210
<b>HOLMFIRTH URBAN DISTRICT</b>					
Holmfirth .....	31	110	1,886	2	56
New Mill .....	22	66	2,429	—	8
Honley .....	20	117	1,850	—	25
	73	293	6,165	2	89
<b>KIRKBURTON URBAN DISTRICT</b>					
Kirkheaton and Lepton ..	13	163	2,186	10	211
Kirkburton .....	9	79	2,335	24	700
Shelley .....	6	28	800	13	426
Shepley ...	15	68	1,882	1	30
Flockton .....	22	61	1,605	10	234
	65	399	8,808	58	1,601
<b>MELTHAM URBAN DISTRICT</b>					
Meltham ....	16	119	2,420	8	60
Total for Division .....	255	1,576	32,307	84	2,260

### Cases Treated.

An attempt has been made to analyse the types and duration of cases treated during the year. It has been found that there is considerable variation between the different districts. In some, the nurse's time is largely devoted to attendance on the chronic sick, whilst in other districts many acute medical and post-operative surgical cases receive attention. Increased use is also being made of home nurses by general practitioners for the administration of drugs by injection, and particularly of penicillin.

At Emley it has been customary for some time past for the nurse to hold morning and evening dressing sessions at her home. This has continued and during the year 53 patients suffering mainly from minor injuries have made 366 attendances.

### Cases Discharged.

Of the 1,482 cases the nurses ceased to attend during the year, 1,024 were discharged as recovered, 190 were transferred to hospital, and 268 died.

The tables given below show the duration of treatment and the number of visits paid to patients in each group.

Patients under Treatment	Patients.		
	Recovered	Transferred	Died
Less than 1 week	299	65	87
1- 2 weeks	413	39	79
2- 4 weeks	159	24	26
4-13 weeks	109	29	34
3- 6 months	25	11	18
Over 6 months	19	22	24
TOTAL	1 024	190	268

Number of Visits Paid	To Patients Who		
	Recovered	Transferred	Died
3 or less	272	51	53
4- 7	291	39	68
8-15	258	37	57
16-30	141	23	37
31-50	45	17	20
51-75	9	7	15
76-100	2	3	8
Over 100	6	13	10
TOTAL	1,024	190	268

### Types of Cases Attended.

The new cases attended and the total visits paid have, as last year, been analysed. From the table given below it will be seen that Septic Conditions provided the largest number of new cases (163). Diseases of the Heart and Circulatory System (156) were the next most frequent. Post-Operative Dressings (134) were followed by Constipation (99), Senility (97), and Injuries and Cerebral Hæmorrhage (96 each).

New cases of Cancer, all sites, numbered 65 as compared with 47 in the previous year, and those of Bronchitis and Pneumonia were 50 and 45 respectively, as compared with 43 and 63 respectively for 1949.

Patients suffering from the following conditions received the largest number of visits:—

Diseases of Heart and Circulation	...	...	3,367	visits
Senility	...	...	3,314	„
Cerebral Hæmorrhage	...	...	2,922	„
Post-Operative Dressings	...	...	2,647	„
Septic Conditions	...	...	2,338	„
Cancer (all sites)	...	...	1,935	„
Rheumatism and Arthritis	...	...	1,517	„
Injuries	...	...	1,514	„
Male Genito-Urinary Conditions	...	...	1,433	„

The number of acute cases dealt with varies very much in the different nurses' districts, but on the average it would appear that more time is spent on the nursing of cases of chronic illness than on acute work, although the increase in the number of post-operative cases attended noted last year, has been maintained.

Type of Case	Transferred	New Cases	Visits Paid
Infectious .....	—	1	10
Pulmonary Tuberculosis .....	2	6	166
Non-Pulmonary Tuberculosis .....	2	1	152
Influenza .....	—	9	65
Pneumonia .....	4	45	792
Bronchitis .....	3	50	832
Other Respiratory Diseases .....	1	27	409
Cancer of Uterus .....	1	3	15
Cancer of Stomach and Intestines .....	—	18	482
Cancer of Breast .....	—	12	343
Cancer of Other Sites .....	2	32	1,095
Diabetes .....	4	13	913
Cerebral Haemorrhage .....	27	96	2,922
Diseases of Heart and Circulation .....	14	156	3,367
Post-Operative Dressings .....	11	134	2,647
Injuries .....	6	96	1,514
Burns and Scalds .....	4	60	718
Septic Conditions (Boils, Abscesses Carbuncles) .....	10	163	2,338
Uterine Prolapse .....	64	36	648
Other Gynaecological Cases .....	2	24	232
Male Genito-urinary Conditions .....	7	14	1,433
Rheumatic and Arthritic Conditions .....	19	18	1,517
Ear and Eye Conditions .....	3	29	512
Varicose Ulcers .....	12	11	965
Impetigo .....	—	2	21
Other Skin Diseases .....	2	11	286
Chronic Diseases of Nervous System .....	4	9	379
Mastitis .....	—	10	165
Acute Abdominal Conditions .....	1	37	313
Constipation .....	5	99	424
Thrombosis .....	4	14	401
Infantile Disorders .....	—	47	181
Circumcision .....	—	50	353
Senility .....	20	97	3,314
Other Conditions .....	21	146	2,383
<b>TOTAL</b> .....	<b>255</b>	<b>1,576</b>	<b>32,307</b>

### Travelling Facilities for Home Nurses and Midwives.

The difficulties previously encountered with regard to transport have been largely overcome during the year. No additional County Cars have been allotted for use in the Division, but 3 of the older cars have been replaced, and in addition 2 midwives and 3 nurse/midwives have purchased cars privately. At the end of the year 6 home nurses, 1 nurse/midwife, and 1 midwife were using County Council Cars; 4 home nurses, 4 nurse/midwives, and 6 midwives were receiving a travelling allowance for the use of their own cars; and 2 home nurses and 1 midwife had to depend on public transport as a means of conveyance.

### HOME HELP SERVICE

Slow progress has been made with the building up of this service during the year. In spite of the repeated advertisements in the local Press and personal canvassing by health visitors, home nurses, and midwives, the number of home helps employed over the period has only averaged 7.24 out of an establishment of 17.

In view of the shortage of home helps, no attempt has been made to bring the scheme more fully before the public, it being felt that there is no point in soliciting applications for help which cannot be met. It should, however, be pointed out that practically all applications received have had the services of a home help, although the amount of time which could be devoted to any particular case has sometimes been less than was actually required.



With regard to the difficulty in obtaining home helps, one feels that this is mainly due to the abundance of employment both full-time and part-time which is at present available to women in this district. There are, however, some other factors which tend to operate against the development of the service. In this Division there is no large centre of population but upwards of a score of small urban communities. It is not possible to guarantee full-time employment to a home help in any of these small townships and therefore if a woman wishes to be fully employed it is necessary for her to travel to other areas. As travelling time is now no longer paid where this does not exceed one hour per day, several home helps refuse to take cases away from their own immediate district.

The intermittency of employment which is inevitable in a scattered area such as this is another factor which operates against the expansion of the service. It is felt that if some small weekly retention fee could be paid during periods when home helps are not engaged, more women would be willing to join the service.

Although one can show but little expansion during the year, the Home Help Service is undoubtedly serving a useful purpose in this Division, and its further expansion depends mainly on the availability of more home helps.

During the year, 155 cases were provided with home helps, the reasons for the provision being as follows:—

(i)	Illness (excluding aged)	(a) Tuberculosis	...	4
		(b) Other	...	37
(ii)	Lying-in	...	...	64
(iii)	Expectant Mothers	...	...	3
(iv)	Mentally Defective	...	...	1
(v)	Aged	(a) Illness	...	35
		(b) Infirmary	...	10
(vi)	Children of School Age	...	...	1
				155

At the end of the year 18 part-time home helps were on the register.

**National Assistance Act, 1948, Section 47.**

Under the above section a local authority may take action to secure removal to suitable premises of persons in need of care and attention. Action was taken by the Colne Valley Urban District Council in 1949 under this section in respect of an elderly infirm woman living alone in insanitary conditions and unable to look after herself. An order for her removal to a suitable institution was obtained in March, 1949, and was extended on application to the court at 3 monthly intervals until February, 1950, when the order was allowed to lapse, the patient agreeing voluntarily to remain in the institution.

During 1950, action was considered under this section in 2 other cases, but was not taken as one of the patients was certified under the Lunacy Acts and removed to Storthes Hall Mental Hospital, and the other agreed voluntarily to admission to a Social Welfare Institution.

**AMBULANCE SERVICE**

During the year close co-operation has been maintained with the Superintendent of the Huddersfield Depot and any difficulties of a medical nature arising have been discussed. Complaints have been much fewer than in the previous 2 years, in fact not more than 2 or 3 cases have come to my notice during the year as compared with 1 or 2 each week in 1948.



The general practitioners and hospital authorities have co-operated more readily than hitherto, and there is now much less chance of improper use of the service than formerly. So far as hospital out-patients are concerned the first journey to hospital is made on the authority of the general practitioner, but transport is only provided for subsequent visits when this is requested by the almoner on the instruction of a hospital medical officer, the authorisation being limited in each case to a period not exceeding one month, subject to renewal.

The collection and return of groups of patients by means of the small 12-seater 'buses now available naturally involves delays and detours, but it is obviously impossible and undesirable to provide a private taxi service for each patient.

The public generally, the doctors, and the hospital authorities now seem to appreciate the practical limitations of the service and complaints regarding delays are now seldom received.

So far as cases for urgent removal are concerned, these are adequately covered. Two of the ambulances were equipped with wireless control by the end of the year, whilst the drivers of the other vehicles get in touch with the depot whenever they are collecting or delivering patients at the various hospitals.

All drivers are required to pass a qualifying examination in first aid within 9 months of joining the service, and must pass a further proficiency examination every 18/24 months. Records of the attendances of drivers at first aid classes are kept by the Depot Superintendent.

In addition to the Ambulance Service vehicles there are available a number of private cars in the Voluntary Car Pool. These have proved very useful for the conveyance of sitting patients for long distances and for the removal and transfer of patients to mental hospitals.

During the year the ambulances from the Huddersfield Depot made 4,564 journeys involving 122,769 miles, and carried 13,323 patients, 2,892 of these being stretcher patients. Included in the 13,323 patients carried were 10,244 nospital out-patients. Particulars of the cases carried are given below:—

Accident	...	...	...	...	...	...	201
Urgent	...	...	...	...	...	...	330
Mental	...	...	...	...	...	...	25
Maternity	...	...	...	...	...	...	176
Infectious	...	...	...	...	...	...	—
General	...	...	...	...	...	...	2,347
Out-Patients	...	...	...	...	...	...	10,244
							<hr/> 13,323

In addition to the ambulances stationed at the Huddersfield Depot an ambulance, the property of the Holmfirth Urban District Council, is operated as part of the County Service. This ambulance is available for accident work in the Holmfirth area, the staff coming on duty when called. During the year the Holmfirth ambulance carried 58 cases and travelled 421 miles.

Cars in the Voluntary Car Pool made 141 journeys, these being principally to Leeds, Bradford, York, and Doncaster.

CHILDREN'S HOMES

Medical Arrangements.

The care and treatment of children accommodated in The Leas Children's Homes, Scholes, Holmfirth, during times of illness is delegated to a private practitioner with whom the children are registered under the National Health Service Act, 1946.

The Divisional Medical Officer has been made responsible for the preventive medical services of the local authority so far as the children are concerned. Each child is examined by a medical officer of the local authority on admission and at 6 monthly intervals. Advice is given regarding precautions to be taken against the spread of infectious diseases, hours of rest and sleep, and the general supervision of health, hygiene, and dietary of the children.

Cases of difficulty in behaviour, boarding out, etc., are discussed with the Superintendent of the Homes and with the officers of the Children's Department.

MENTAL HEALTH

The mental health work in the Division consists mainly of the supervision of defectives under voluntary and statutory supervision and under guardianship orders.

The work is done mainly by the Mental Health Social Worker, who also provides reports about the home conditions of defectives for the information of Hospital Management Committees, when applications for leave of absence or renewal of licence are under consideration. The Social Worker also gives training in handicrafts of various sorts to suitable patients.

Very little has been done regarding the provision of personal histories and background information relating to patients admitted to and discharged from Mental Hospitals, as this work in the Division is largely done by the Social Worker attached to the local Mental Hospital.

At the end of the year the number of patients under supervision was as follows:—

	Male	Female	Total
Under Guardianship .....	1	2	3
Under Statutory Supervision ..	33	32	65
On Licence from Institutions ..	3	2	5
Under Voluntary Supervision and Observation .....	5	3	8

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